C 368257

PHILIPPINE ISLANI

BOARD OF HEALTI

MONTHLY REPORT

1900-1904

614.09914
P55q

1837
ARTES VERITAS SCIENTIA
LIBRARY OF THE
UNIVERSITY OF MICHIGAN
SI QUAERIS PENINSULAM AMOENAM
CIRCUMSPICE

THE GIFT OF
Board of Health

614.09914
P55 g

GENERAL LIBRARY,
UNIV. OF MICH.
AUG 30 1905

Bound Copy

REPORT OF VITAL STATISTICS

compl
Nov. 1900 - Dec. 1904

BOARD OF HEALTH

Manila, Philippine Islands

VOL. I. NOVEMBER, 1900. No. 1.

Guy L. Edie, Major and Surgeon, U. S. Volunteers . . . President
CHARLES LYNCH, Captain and Assistant Surgeon, U. S. Army . . . Member
W. J. CALVERT, 1st Lieutenant and Assistant Surgeon, U. S. Army . . . Member
GEORGE W. MATHEWS, 1st Lieutenant and Assistant Surgeon, U. S. Army . . . Member
HARRY L. GILCHRIST, 1st Lieutenant and Assistant Surgeon, U. S. Army . . . Member
JULIUS C. LE HARDY, Acting Assistant Surgeon, U. S. Army . . . Member
T. H. PARDO DE TAVERA, M. D. . . . Member
ARISTON BAUTISTA LIN, M. D. . . . Member

METEOROLOGICAL OBSERVATIONS

Taken from the Observatorio Central de Manila

DATE.	BAROMETER. 5 A. M.	BAROMETER. 5 P. M.	TEMPERATURE. Max.	TEMPERATURE. Min.	TEMPERATURE. Daily range.	TEMPERATURE. Daily average.	RELATIVE HUMIDITY. 5 A. M.	RELATIVE HUMIDITY. 5 P. M.	WIND. Max. velocity.	WIND. Range.	WIND. Total daily motion.	RAINFALL IN INCHES.	CHARACTER OF DAY.
1	29.64	29.61	83.2	73.1	10.1	78.1	97	92	26.5	E.	420	0.756	Showery.
2	29.76	29.81	88.3	75.4	12.9	81.8	88	79	14.5	SE.	228	0.256	Cloudy.
3	29.87	29.89	87.9	73.3	14.6	80.6	96	84	10.2	S. SW.	131	0.083	Clear morning, cloudy evening.
4	29.93	29.87	87.2	74.0	13.2	80.6	97	77	11.2	NW.	120	0.630	Clear morning, cloudy evening.
5	29.85	29.80	79.8	74.6	5.2	77.2	97	94	11.2	N. NW.	93	0.323	Cloudy.
6	29.70	29.60	79.8	72.9	6.9	76.3	91	98	24.9	E. by S.	339	0.547	Showery.
7	29.69	29.71	87.0	76.9	10 1	81.9	82	78	26.1	E. by S.	407	0.[illegible]	Cloudy.
8	29.76	29.79	90.3	77.0	13.3	83.6	95	78	19.2	S. SE.	229	0.[illegible]	Clear.
9	29.83	29.83	92.2	73.8	18.4	83.0	95	78	13.0	W. SW.	150	0.886	Clear morning, cloudy evening.
10	29.86	29.81	88.0	74.9	13.1	81.4	96	77	10.9	W. NW.	97	0.[illegible]	Clear.
11	29.83	29.83	81.9	73.1	8.8	77.5	91	91	6.5	N. NW.	77	0.032	Cloudy.
12	29.82	29.80	87.4	73.6	13.8	80.5	97	76	7.0	W. NW.	90	0.197	Cloudy.
13	29.83	29.82	92.0	74.5	17.5	83.2	97	73	14.7	E. SE.	165	0.[illegible]	Clear.
14	29.86	29.80	88.4	73.6	14.8	81.0	94	76	9.7	NW.	105	0.[illegible]	Clear.
15	29.80	29.73	89.0	76.1	12.9	82.5	93	81	16.7	SW. by W.	175	0.[illegible]	Cloudy.
16	29.75	29.75	88.0	73.4	14.6	80.7	92	79	10.6	N. NW.	141	0.913	Cloudy.
17	29.85	29.90	83.0	72.2	10.8	77.1	93	84	8.7	NW.	92	0.087	Cloudy.
18	29.99	29.99	83.4	71.1	12.3	77.2	89	69	14.0	E.	122	0.[illegible]	Clear.
19	29.99	29.94	85.6	67.1	18.5	76.3	91	66	13.0	E. SE.	140	0.[illegible]	Clear.
20	29.95	29.93	86.0	66.3	19.7	76.1	91	53	11.8	E. SE.	130	0.[illegible]	Clear.
21	29.96	29.92	89.0	69.4	19.6	79.2	90	67	10.0	W. NW.	127	0.[illegible]	Clear.
22	29.95	29.91	86.7	73.1	13.6	79.9	91	78	9.3	N.	102	0.032	Clear morning, cloudy afternoon.
23	29.91	29.86	87.9	72.1	15.8	80.0	93	70	10.0	SE. by E.	97	0.[illegible]	Cloudy.
24	29.89	29.86	90.6	71.4	19.2	81.0	94	66	12.7	E.	116	0.[illegible]	Clear.
25	29 91	29.88	88.1	68.8	19.3	78.4	94	64	8.7	W. NW.	107	0.[illegible]	Clear.
26	29.90	29.86	89.0	73.1	15.9	81.0	86	72	10.0	E. NE.	120	0.004	Cloudy.
27	29.88	29.84	90.0	75.1	14.9	82.5	83	69	11.8	NE.	97	0.[illegible]	Cloudy.
28	29.86	29.83	89.0	72.5	16.5	80.7	94	74	9.7	NW.	91	0.[illegible]	Cloudy.
29	29.85	29.84	85.6	72.8	12.8	79.2	95	91	9.0	E.	91	0.673	Clear morning, cloudy afternoon.
30	29.83	29.80	85.5	73.0	12.5	79.2	97	85	7.5	W. NW.	95	0.441	Cloudy.

CAUSES OF DEATHS FOR MONTH OF NOVEMBER, 1900.

CLASS "A"—GENERAL DISEASES

SPECIFIC FEBRILE (ZYMOTIC)

Cerebro-spinal meningitis	6
Diphtheria	1
Influenza	11
Malarial Fevers—Intermittent	15
Malarial Fevers—Remittent	8
Malarial Fevers—Continued	9
Malarial Fevers—Pernicious	17
Malarial Fevers—Cachexia	3
Pertussis	2
Typhoid Fever	5

DIARRHOEAL

Diarrhoea, acute	5
Diarrhoea, chronic	1
Dysentery, acute	20
Dysentery, chronic	8

VENEREAL

Syphilis, acquired	2

SEPTIC

Puerperal septicæmia	1
Septicæmia	2
Tetanus	3
Trismus Neonatorum	17

DIETETIC

Malnutrition	25
Inanition	5
Scurvy	1

CONSTITUTIONAL

Anæmia	4
Beri-beri	66
Carcinoma	2
Leucocythemia	3
Leprosy	4
Rheumatism	7
Sarcoma	1
Tuberculosis, pulmonary	107
Tuberculosis, miliary	1
Tuberculosis, glandular	1

DEVELOPMENTAL

Atelectasis, congenital	1
Cardiac malformation	4
Marasmus, infantile	1
Marasmus, senile	8
Premature and still births	8
Senility	8

CLASS "B" LOCAL DISEASES

NERVOUS SYSTEM

Apoplexy, cerebral	10
Brain, congestion of	12
Convulsions, infantile	178
Eclampsia	63
Epilepsy	2

NERVOUS SYSTEM—Continued

Hydrocephalus	1
Meningitis cerebral	30
Myelitis	1

CIRCULATORY SYSTEM

Angina pectoris	11
Arterio-sclerosis	1
Heart — Endocarditis	6
Heart — Fatty degeneration	3
Heart — Pericarditis	1
Heart — Valvular Disease	2

RESPIRATORY SYSTEM

Asthma	5
Bronchitis, acute	68
Bronchitis, chronic	36
Laryngitis, acute	13
Laryngitis, chronic	3
Laryngitis, spasmodic	1
Pleurisy, acute	1
Pneumonia	3
Pulmonary congestion	8

DIGESTIVE SYSTEM

Appendicitis	2
Enteritis, acute	7
Enteritis, chronic	25
Entero-colitis, acute	4
Entero-colitis, chronic	18
Gastric ulcer	1
Gastritis, acute	4
Gastritis, chronic	3
Gastro-enteritis, acute	11
Gastro-enteritis, chronic	5
Liver, abscess of	2
Liver, cirrhosis of	3
Liver, inflammation of	2
Sprue	1

ABSORBENT AND GLANDULAR SYSTEM

Tonsilitis	1

URINARY SYSTEM

Cystitis, acute	1
Cystitis, chronic	1
Nephritis, acute	4
Nephritis, chronic	1
Uremia	1

REPRODUCTIVE SYSTEM

Abortion	2
Childbirth	7
Diseases of the Uterus	3
Pelvic peritonitis	1

CLASS "C"

Homicide	6
Suicide	1
Burning	2
Crushing	1
Drowning	1
Electricity	1
TOTAL	976

Number of deaths under five years of age . . 547
Number of deaths over five years of age . . 429

Number of deaths with medical attendance . . 262
Number of deaths without medical attendance 714

DEATHS FROM PREVAILING INFECTIOUS DISEASES BY DISTRICTS

	Tuberculosis pulmonary.	Beri-beri.	Typhoid fever.	Influenza.	Diphtheria.	Leprosy.	Cerebro spinal meningitis.	Tetanus.	Pertussis.	Sprue.	Dysentery.	Malarial fevers.
Manila (Walled City)	15	5					4		1		2	5
Binondo	10	2									1	4
San Nicholas	20	6	1								3	2
Tondo	20	11		2	1		1	1	1		6	4
Santa Cruz	18	12	3	8		4		12		1	4	12
Quiapo	6	5	1	1							3	4
San Miguel	1	6									1	2
Sampaloc	8	7					1	1				6
Paco	2	6						2			3	3
Ermita	4										2	5
Malate	3	3									1	1
Pandacan		3									1	4
TOTAL	107	66	5	11	1	4	6	16	2	1	27	52

ALL DEATHS BY DISTRICTS

Manila (Walled City)	84
Binondo	66
San Nicolas	117
Tondo	201
Santa Cruz	146
Quiapo	78
San Miguel	41
Sampaloc	86
Paco	52
Ermita	38
Malate	37
Pandacan	30
	976

DEATHS BY NATIONALITIES

Filipinos	943
Spanish	5
American	1
Swiss	1
Australian	1
Chinese	25
Total	976

SUMMARY OF SERVICE RENDERED BY MUNICIPAL PHYSICIANS

NOVEMBER, 1900.

	Actual number of houses visited.	Actual number of families visited.	Number of sick prescribed for.	Number of deaths without medical assistance.	Number of deaths without medical assistance, viewed and inspected for certificates of death.
Manila (Walled City) Dr. Gabriel García Ageo.	23	25	26	8	18
Binondo Dr. Salvador V. del Rosario	4	4	4	1	29
San Nicholas Dr. Marcelo Eloriaga.	4	4	4	8	97
Tondo N Dr. Canuto Reyes.	45	45	48	14	103
Tondo S Dr. Vicente Cavanna.	36	44	44	12	60
Santa Cruz Dr. Manuel Gomez.	12	12	12	21	94
Quiapo Dr. Valeriano Pantoja.	7	7	7	2	87
Sampaloc Dr. Francisco Castañeda.	12	15	15	11	70
Paco and Concepcion Dr. Enrique Aguilar.	54	54	54	13	36
Ermita and Malate Dr. Candido Mora.	39	39	39	18	53
Pandacan Dr. Francisco Rosario.	36	38	38	9	19
TOTAL	272	287	271	117	666

BURIALS—November, 1900

CEMETERIES.	No.
Loma (Government)	259
Paco General (Government)	26
Santa Cruz	15
Quiapo (Balic-balic)	43
Sampaloc (Balic-balic)	83
San Miguel (Balic-balic)	34
Binondo	40
Tondo	286
Paco (Maytubig)	42
Ermita (Maytubig)	26
Malate	
Pandacan	31
Chinos	25
Crematory	5
Santa Ana	1
China—Embalmed for shipment	1
TOTAL	976

NUMBER OF VACCINATIONS DURING MONTH OF NOVEMBER BY DISTRICTS

	Manila.	Binondo.	San Nicholas.	Tondo.	Santa Cruz.	Quiapo.	San Miguel.	Sampaloc.	Paco.	Ermita.	Malate.	Total.
Children	22	67	90	151	72	126	127	60	120	45	49	929
Adults	40	203	210	125	196	190	29[illegible]	159	228	96	100	1748
TOTAL												2677

145428

DIVISION OF INSPECTION

Total number of houses inspected	4126
Total number of complaints by citizens	12
Total number of adverse reports made by inspectors	1920
Total number of notices served	1932
Legal proceedings instituted for non-compliance with notice served	2
Number of permits issued to clean vaults, drains, etc	225

VETERINARY DIVISION

Number of cattle inspected		1262
Number of hogs inspected		4039
Number of carabaos inspected		111
Number of sheep inspected		2
Number of goats inspected		62
Number of horses inspected		248
In Government Slaughterhouse	Number of cattle slaughtered	1823
	Number of hogs slaughtered	4127
	Number of cattle condemned and cremated	4
	Number of hogs condemned and cremated	50
Number of horses condemned for glanders		4

SUMMARY

During the month of November there were no new cases of bubonic plague, nor of small-pox. The total number of cases of bubonic plague to date is 270. Number of deaths to date, 193.

SUMMARY OF STATISTICS OF BIRTHS AND DEATHS

Population (estimated)	250,000
Mortality for the month of November	976
Annual death rate per 1000	46.84
*Births reported	424
Annual birth rate (based on reports)	14.53

*Incomplete.

GENERAL LIBRARY,
UNIV. OF MICH.
AUG 30 1905

REPORT OF VITAL STATISTICS.

BOARD OF HEALTH

MANILA, PHILIPPINE ISLANDS.

DECEMBER, 1900.

MEMBERS OF THE BOARD.

FRANKLIN A. MEACHAM, Major and Surgeon, United States Volunteers, *President.*
GEORGE W. MATHEWS, Major and Surgeon, United States Volunteers, *Member.*
CHARLES LYNCH, Captain and Assistant Surgeon, United States Army, *Member.*
WILLIAM J. CALVERT, First Lieutenant and Assistant Surgeon, United States Army, *Member.*
HARRY J. GILCHRIST, First Lieutenant and Assistant Surgeon, United States Army, *Member.*
JULIUS C. LE HARDY, Acting Assistant Surgeon, United States Army, *Member.*
T. H. PARDO DE TAVERA, M. D., *Honorary Member.*
ARISTON BAUTISTA LIN, M. D., *Honorary Member.*

MUNICIPAL PHYSICIANS AND DISTRICTS.

Dr. GABRIEL GARCIA AGEO, *Manila (Walled City).*
Dr. CANDIDO MORA, *Ermita and Malate.*
Dr. ENRIQUE AGUILAR, *Paco.*
Dr. FRANCISCO CASTAÑEDA, *Sampaloc and San Miguel.*
Dr. VALERIANO PANTAJO, *Quiapo.*
Dr. MANUEL GOMEZ, *Santa Cruz.*
Dr. MARCELO ELORIAGA, *San Nicolas.*
Dr. S. V. DEL ROSARIO, *Binondo.*
Dr. CANUTO REYES, *Tondo (North).*
Dr. VICENTE CAVANNA, *Tondo (South).*
Dr. FRANCISCO ROSARIO, *Pandacan.*

MANILA, P. I.:
BUREAU OF PUBLIC PRINTING.
1904.

12302

U of M

CAUSES OF DEATH FOR MONTH OF DECEMBER, 1900.

DISEASES.	By Districts.													Race, Sex, and Age.												
														Malay.				White.				Mongolian.				
														M.		F.		M.		F.		M.		F.		
	Manila (Walled City).	Binondo.	San Nicolas.	Tondo.	Santa Cruz.	Quiapo.	Sampaloc.	San Miguel.	Paco.	Ermita.	Malate.	Pandacan.	Total.	Under 5 years of age.	Over 5 years of age.	Under 5 years of age.	Over 5 years of age.	Under 5 years of age.	Over 5 years of age.	Under 5 years of age.	Over 5 years of age.	Under 5 years of age.	Over 5 years of age.	Under 5 years of age.	Over 5 years of age.	Total.
General diseases.																										
Specific febrile:																										
Meningitis, cerebro-spinal	1			1									2		1	1										2
Influenza					12								12	4		7	1									12
Malarial fever:																										
Intermittent		4	3	2	1	1		3	1				15		12	1	2									15
Remittent		4						1					5	2	1		2									5
Continued					3								3		1		2									3
Pernicious	1	1			1		1	1		1	3	2	11		6		5									11
Malarial cachexia											1		1				1									1
Measles	1												1		1											1
Pertussis				1									1			1										1
Parotitis								1					1				1									1
Typhoid fever	1	1		4	1				2				9	1	4	1	3									9
Diarrheal:																										
Cholera infantum			1										1									1				1
Diarrhea, acute			4	1									5	3		2										5
Diarrhea, chronic										1			1		1											1
Dysentery, acute	1		2	5	3	5							16	2	3	6	3		1			1				16
Dysentery, chronic									3		1	1	5	1	2	1	1									5
Zoögenous—anthrax	2												2		1				1							2
Septic:																										
Puerperal septicæmia		1				2							3				2								1	3
Trismus neonatorum	2			4	8	2		1	5				22	11		11										22
Dietetic:																										
Malnutrition	4	1	12		6	4	1	1		1			30	15		15										30
Inanition			1			4		2					7	2		3	1		1							7
Constitutional:																										
Anæmia	2												2		1		1									2
Leucocythemia							2						2			1	1									2
Beri-beri	8	2	6	7	7	2	3	4	3	3	4		49		18		31									49
Carcinoma of parotid	1												1				1									1
Leprosy					1								1		1											1
Rheumatism		2	1			2		1					6		2		3						1			6
Sarcoma of the uterus	1												1				1									1
Tuberculosis, pulmonary	22	19	18	15	13	6	8	3	2	1	1		108	1	55		41						11			108
Tuberculosis, intestinal	1												1		1											1
Developmental:																										
Cardiac malformation							2	2	1				5	4		1										5
Marasmus, infantile		2		2	1		1						6	3		3										6
Marasmus, senile		4		1	2			1			1		9		5		3		1							9
Stillbirths		1		1	3		1	1	1	1			9	6		3										9
Senility		1	1	1			1	2		1	3		10		4		6									10
Local diseases.																										
Nervous system:																										
Apoplexy, cerebral		2	1	3		1	1		1				9		5		4									9
Cerebral congestion	2	2			1			2	4				11	5	3	3										11
Convulsions, infantile	7	15	32	62	24	12	5	11	3	4	10	3	188	93		95										188
Eclampsia (not puerperal)	1	15	1	3	5	3	1			2	2	5	38	17		21										38
Encephalitis									2				2	1		1										2
Hydrocephalus												1	1	1												1
Meningitis, cerebral	1		13	12	4		3	1	4	1			39	23		16										39
Myelitis	1			1									2		1		1									2
Neurasthenia					1								1		1											1
Paralysis					1								1		1											1
Circulatory system:																										
Angina pectoris				1		2	1	1					5		2		3									5
Arterio-sclerosis				7									7		6		1									7
Aneurism of aorta	1					1							2				2									2
Endocarditis	2			4					1	1	2	1	11		5		6									11
Fatty degeneration of heart							2						2				2									2
Hypertrophy	1			3									4		1		3									4
Myocarditis	1			2									3		2		1									3
Pericarditis				1					1				2				2									2
Insufficiency, mitral	2												2				2									2
Aortic valvular disease	1												1						1							1
Respiratory system:																										
Asthma	3												3		1		2									3
Bronchitis, acute	1		11	15	4	4	4	5	2	4	1		51	25	2		24									51
Bronchitis, chronic	1		2	5	1		1		3			4	17	2	5	2	8									17
Laryngitis, acute							1	3	2				6	3		3										6
Laryngitis, chronic							2	2					4	1		2	1									4
Pseudo-diphtheria	1												1	1												1
Pleurisy, acute	1	2								1			4		3		1									4
Pneumonia	1								4				5		3		2									5
Pulmonary congestion	1		1		4							1	7	2	2	1	1				1					7
Digestive system:																										
Enteritis, acute	1				1	2				1	1		6	4		1	1									6
Enteritis, chronic	7			12	3		1		2			1	26	10	5	7	4									26
Entero-colitis, acute						2		1					3	1		2										3
Entero-colitis, chronic			1		7		5						13	6	3	2	2									13
Gastric ulcer	1												1		1											1
Gastritis, acute	1				1	1		1			1	1	6	2		3	1									6
Gastritis, chronic				1				1	3		1	4	10	4	3		3									10
Gastro-enteritis, acute				2		1			1	1	2		7	3		4										7
Gastro-enteritis, chronic						1		1	2	1			5		1	3	1									5
Strangulation of hernia									1				1								1					1

CAUSES OF DEATH FOR MONTH OF DECEMBER, 1900—Continued.

DISEASES.	By Districts.													Race, Sex, and Age.												
														Malay.				White.				Mongolian.				
														M.		F.		M.		F.		M.		F.		
	Manila (Walled City).	Binondo.	San Nicolas.	Tondo.	Santa Cruz.	Quiapo.	Sampaloc.	San Miguel.	Paco.	Ermita.	Malate.	Pandacan.	Total.	Under 5 years of age.	Over 5 years of age.	Under 5 years of age.	Over 5 years of age.	Under 5 years of age.	Over 5 years of age.	Under 5 years of age.	Over 5 years of age.	Under 5 years of age.	Over 5 years of age.	Under 5 years of age.	Over 5 years of age.	Total.
Local diseases—Continued.																										
Digestive system—Continued.																										
Intestinal invagination		2											2		2											2
Inflammation of liver							1						1				1									1
Cirrhosis of liver				3	1								4		3		1									4
Abscess of liver	1					1							2		2											2
Peritonitis	1							1					2		1		1									2
Urinary system:																										
Nephritis, acute		3			1								4		1								3			4
Uremia				1		1							2		1	1										2
Reproductive system:																										
Childbirth, hemorrhage				2	1	1	1						5				5									5
Metritis, chronic												1	1				1									1
Fibroma of uterus	1												1				1									1
Osseous and integumentary system—																										
Gangrene, other than senile							1						1			1										1
Violence and accidents:																										
Homicide	4	1	1		1			1					8			7							1			8
Drowning									1				1										1			1
Strangulation					1								1								1					1
Total	94	85	112	185	124	61	50	55	55	25	34	25	905	259	186	232	200		5		3	2	17		1	905

Services rendered by the municipal midwives during the month of December, 1900.

District.	Name of midwife.	Number of cases attended.
Manila (Walled City)	Benita Miranda	11
Binondo	Juliana de los Santos	8
San Nicolas	Mamerta Mendez	4
Tondo	Basilia Garcia	10
Santa Cruz and Quiapo	Filomena Rubin	18
San Miguel and Sampaloc	Basilia Lois	12
Paco and Concepcion	Francisca Manalaisay	18
Ermita and Malate	Maria Penida Enriquez	9
Total		88

Vaccine virus issued during year ending December 31, 1900.

[Vaccine Institute: Saturnino Espejo, *Director*.]

	Units.
Army	135,500
Navy	11,200
Inhabitants of the Archipelago (excluding Manila)	739,700
Inhabitants of Manila	78,422
Total	964,822

Number of young carabao used in preparation of the lymph, 72.

Death by nationalities.

Filipinos	877
Spanish	3
American	1
English	2
Italian	1
Roumanian	1
Chinese	20
Total	905

Death by nationalities—Continued.

Number of deaths with medical attendance	178
Number of deaths without medical attendance	727
Total	905

Division of Inspection.

Number of inspections and reinspections	29,560
Number of complaints by citizens	32
Number of adverse reports made by inspectors	1,285
Number of notices served	1,297
Legal proceedings instituted for non-compliance with notice served	10
Number of permits issued to clean vaults, drains, etc	250
Number of houses in which rat poison was distributed (prevent spread of bubonic plague)	1,930
Houses disinfected	3
Premises cleaned	45

Veterinary Division.

[William W. Richards, V. S., *City Veterinarian;* John G. Slee, D. V. S., *Assistant City Veterinarian.*]

Number of cattle inspected	2,376
Number of hogs inspected	3,584
Number of carabaos inspected	142
Number of sheep inspected	22
Number of goats inspected	56
Number of horses inspected	238
In Government slaughterhouse:	
Number of cattle slaughtered	1,787
Number of hogs slaughtered	4,717
Number of cattle condemned and cremated	4
Number of hogs condemned and cremated	23
Number of horses condemned for glanders	8

U of M

Summary of service rendered by municipal physicians during December, 1900.

District.	Physician.	Actual number of houses visited.	Actual number of families visited.	Number of sick prescribed for.	Number of deaths with medical assistance.	Number of deaths without medical assistance, viewed and inspected for certificates of death.
Manila (Walled City).	Dr. Gabriel Garcia Ageo.	16	18	18	5	17
Binondo	Dr. Salvador V. del-Rosario.	1	1	1	5	47
San Nicolas	Dr. Marcelo Eloriaga	5	6	6	7	90
Tondo N	Dr. Canuto Reyes	35	32	35	8	97
Tondo S	Dr. Vicente Cavanna	38	37	39	10	72
Santa Cruz	Dr. Manuel Gomez	16	16	16	16	85
Quiapo	Dr. Valeriano Pantoja	6	6	6	2	69
Sampaloc	Dr. Francisco Castañeda.	12	13	13	1	62
Paco and Concepcion.	Dr. Enrique Aguilar	37	35	37	16	33
Ermita and Malate.	Dr. Candido Mora	28	30	33	13	33
Pandacan	Dr. Francisco Rosario	37	37	38	8	16
Total		231	231	242	86	727

Burials during December, 1900.

Cemeteries:	Number.
Loma (Government)	261
Paco (General Government)	25
Santa Cruz	9

Burials during December, 1900—Continued.

Cemeteries—Continued.	Number.
Quiapo (Balic-Balic)	32
Sampaloc (Balic-Balic)	72
San Miguel (Balic-Balic)	31
Binondo	28
Tondo	287
Paco (Maytubig)	43
Ermita (Maytubig)	15
Malate	53
Pandacan	24
Chinese	20
Crematory	1
Santa Ana	1
San Pedro Macati	2
Removed to United States	1
Total	905

Number of vaccinations during month of December, 1900, by districts.

District.	Children.	Adults.	Total.
Binondo	98	219	317
San Nicolas	71	117	188
Tondo	59	77	136
Santa Cruz	106	202	308
Quiapo	131	134	265
San Miguel	96	191	287
Sampaloc	82	190	272
Paco	103	192	295
Ermita	60	110	170
Malate	68	102	170
Total	874	1,534	2,408

Statement of smallpox for year ending December 31, 1900.

Month.	Number of cases.				Number of deaths.				Number discharged.				Number transferred to Military Hospital.			
	American.	Filipino.	Spanish.	Total.	American.	Filipino.	Spanish.	Total.	American.	Filipino.	Spanish.	Total.	American.	Filipino.	Spanish.	Total.
January		13		13		2		2		6		6				
February	4	14	1	19						14		14	3			3
March	1	13		14	1			1	1	10	1	12				
April		9		9						15		15				
May		2		2						4		4				
June		1		1						1		1				
July		1		1						1		1				
August																
September		1		1												
October										1		1				
November																
December																
Total	5	54	1	60	1	2		3	1	52	1	54	3			3

Statement of bubonic plague for year ending December 31, 1900.

January	3	15		18	2	9		11		2		2				
February	36	12		48	24	11		35	3	3		6				
March	52	12		64	38	10		48	6	2		8				
April	43	11		54	36	8		44	14	2		16				
May	13	7	2	22	11	6	1	18	7	3		10				
June	14	5		19	6	5		11	8	1	1	10				
July	5	8		13	4	3		7	3			3				
August	8	9	1	18	5	6		11	2	3		5				
September	6			6	8	1		9	2	4		6				
October	5	2		7	3	2		5	1		1	2				
November	1			1					1			1				
December		1		1					2			2		1		1
Total	186	82	3	271	137	61	1	199	49	20	2	71		1		1

Summary of bubonic plague and smallpox for year ending December 31, 1900.

Seventy-three per cent of cases of bubonic plague reported during the year died. Five per cent of cases of smallpox reported during the year died.

The annual death rate from bubonic plague during the year ending December 31, 1900, was 66 per 1,000. The annual death rate from smallpox during year ending December 31, 1900, was 1 per 1,000.

Summary of statistics of births and deaths.

Population (estimated)	300,000
Mortality for the month of December	905
Annual death rate per 1,000	36.20
Births reported [1]	504
Annual birth rate (based on reports)	20.16

[1] Incomplete.

Meteorological observations for month of December, taken from the Central Observatory of Manila.

Date.	Barometer.		Temperature.				Relative humidity.		Wind.			Total rainfall in inches.	Character of day.
	5 a. m.	5 p. m.	Maximum.	Minimum.	Daily range.	Daily average.	5 a. m.	5 p. m.	Maximum velocity.	Direction.	Total daily motion.		
1	29.84	29.81	84.4	74.1	10.3	79.3	92.0	90.0	11.8	NNE.	113	0.154	Generally overcast.
2	29.84	29.74	87.9	73.0	14.9	80.5	97.0	77.0	8.0	NW.	85		Cloudy.
3	29.81	29.73	92.1	74.1	18.0	83.1	93.0	77.0	5.3	ESE.	85	.008	Generally cloudy.
4	29.76	29.72	90.8	74.7	16.1	82.7	96.0	78.5	9.9	SE.	130	.071	Do.
5	29.80	29.81	81.3	75.2	6.1	78.3	92.5	93.0	8.1	ENE.	65	.142	Overcast.
6	29.84	29.84	86.2	73.9	12.3	80.1	97.0	76.0	8.3	NNW.	88		Generally cloudy.
7	29.88	29.86	84.7	72.1	12.6	78.4	96.0	85.0	7.0	SES.	88	.016	Cloudy.
8	29.90	29.92	82.6	72.8	9.8	77.7	82.0	69.0	17.7	NNE.	225		Do.
9	29.93	29.94	76.9	68.2	8.7	72.5	76.0	92.0	18.0	N. by E.	340	.268	Overcast.
10	29.90	29.90	83.3	69.2	14.1	76.2	81.0	77.0	15.5	N.	244	.051	Cloudy.
11	29.95	29.98	81.9	71.8	10.1	76.8	97.0	97.0	5.6	NNW.	70	1.154	Overcast.
12	30.00	29.96	87.0	71.2	15.8	79.1	98.0	71.5	9.6	ESE.	88		Generally cloudy.
13	30.02	29.99	86.1	72.0	14.1	79.0	95.0	84.0	14.0	WNW.	122		Do.
14	30.02	29.99	84.4	70.7	13.7	77.5	99.0	78.0	9.9	NNW.	111	.118	Cloudy.
15	30.00	29.98	85.0	71.0	14.0	78.0	94.0	61.0	14.9	E.	88		Do.
16	29.98	29.98	87.4	69.0	18.4	78.2	86.0	63.0	12.4	NE. by N.	94		Cloudy morning, clear evening.
17	30.02	30.00	84.2	72.0	12.2	78.1	78.0	72.0	11.2	NNE.	125		Generally cloudy.
18	30.07	29.95	83.3	63.9	19.4	73.6	87.0	61.0	11.5	NW.	117		Generally clear.
19	29.93	29.88	82.7	64.6	18.1	73.6	94.0	72.0	15.2	SWW.	123		Clear.
20	29.92	29.91	86.4	67.3	19.1	76.8	95.0	71.5	8.1	NW.	85		Do.
21	29.99	29.99	84.8	71.9	12.9	78.3	95.0	65.5	10.6	N.	93		Generally cloudy.
22	30.02	30.01	85.2	66.5	18.7	75.8	91.0	67.0	7.2	WSW.	93		Generally clear.
23	30.04	29.99	84.1	67.1	17.0	75.6	89.0	63.0	9.0	W. by N.	104		Clear morning, cloudy evening.
24	30.01	29.96	85.1	66.6	18.5	75.8	89.0	67.0	8.7	NNE.	116		Generally clear.
25	29.97	29.96	85.2	70.9	14.3	78.0	81.0	70.0	19.6	N.	214		Cloudy.
26	29.95	29.95	84.5	72.7	11.8	78.6	86.0	90.0	6.2	N.	73	.055	Overcast.
27	29.94	29.92	87.3	72.2	15.1	79.7	95.0	74.0	13.1	ESE.	81		Generally cloudy.
28	29.93	29.91	85.0	72.1	12.9	78.5	97.0	91.0	9.6	NW.	69	.595	Do.
29	29.93	29.90	88.8	71.2	17.6	80.0	98.0	71.0	9.3	ESE.	93		Generally clear.
30	29.93	29.90	87.5	70.2	17.3	78.8	96.0	60.0	10.9	NW.	98		Clear.
31	29.93	29.90	88.3	71.2	17.1	79.7	91.0	72.0	9.0	ENE.	103		Generally clear.
Means for month	29.94	29.91	85.3	70.8	14.5	78.0	91.4	75.4	10.8	N.	117	2.632	

GENERAL LIBRARY,
UNIV. OF MICH.
AUG 30 1905

REPORT OF VITAL STATISTICS.

BOARD OF HEALTH

MANILA, PHILIPPINE ISLANDS.

JANUARY, 1901.

MEMBERS OF THE BOARD.

FRANKLIN A. MEACHAM, Major and Surgeon, United States Volunteers, *President.*
GEORGE W. MATHEWS, Major and Surgeon, United States Volunteers, *Registrar of Vital Statistics.*
CHARLES LYNCH, Captain and Assistant Surgeon, United States Army, *Secretary.*
WILLIAM J. CALVERT, First Lieutenant and Assistant Surgeon, United States Army, *Bacteriologist.*
HARRY L. GILCHRIST, First Lieutenant and Assistant Surgeon, United States Army, *Chief of Sanitary Corps.*
T. H. PARDO DE TAVERA, M. D., *Honorary Member.*
ARISTON BAUTISTA LIN, M. D., *Honorary Member.*

MUNICIPAL PHYSICIANS.

Dr. GABRIEL GARCIA AGEO, *Manila (Walled City).*
Dr. CANDIDO MORA, *Ermita and Malate.*
Dr. ENRIQUE AGUILAR, *Paco.*
Dr. FRANCISCO CASTAÑEDA, *Sampaloc and San Miguel.*
Dr. VALERIANO PANTAJO, *Quiapo.*
Dr. MANUEL GOMEZ, *Santa Cruz.*
Dr. MARCELO ELORIAGA, *San Nicolas.*
Dr. S. V. DEL ROSARIO, *Binondo.*
Dr. CANUTO REYES, *Tondo (North).*
Dr. VICENTE CAVANNA, *Tondo (South).*
Dr. FRANCISCO ROSARIO, *Pandacan.*

MANILA, P. I.:
BUREAU OF PUBLIC PRINTING.
1904.

12309

CAUSES OF DEATH FOR MONTH OF JANUARY, 1901 (INCLUDING STILLBIRTHS).

DISEASES.	By Districts.												Total.	Race, Sex, and Age.												
														Malay.				White.				Mongolian.				
														M.		F.		M.		F.		M.		F.		
	Manila (Walled City).	Binondo.	San Nicolas.	Tondo.	Santa Cruz.	Quiapo.	Sampaloc.	San Miguel.	Paco.	Ermita.	Malate.	Pandacan.		Under 5 years of age.	Over 5 years of age.	Under 5 years of age.	Over 5 years of age.	Under 5 years of age.	Over 5 years of age.	Under 5 years of age.	Over 5 years of age.	Under 5 years of age.	Over 5 years of age.	Under 5 years of age.	Over 5 years of age.	
General diseases.																										
Specific febrile:																										
Bubonic plague		1	3	1									5		2		1						2			5
Cerebro-spinal meningitis	1			1									2		1		1									2
Influenza				5							1		6	3	1	2										6
Malarial fever—																										
Intermittent		3	2	3	2	6	2	3	2			3	26	3	10	2	11									26
Remittent	1							2	2			1	6	2	4											6
Continued	2				3								5		3	2										5
Pernicious		1		1	2		2			1		1	8		4		4									8
Cachexia		1											1		1											1
Measles		1											1	1												1
Pertussis			2	1									3	1		2										3
Typhoid fever	1	1	1	1	1	1							6		5		1									6
Variola					1								1				1									1
Diarrheal:																										
Cholera infantum				1									1	1												1
Diarrhea, acute			1			2							3	1			2									3
Diarrhea, chronic			2							2	1		5	1	1	1	2									5
Dysentery, acute				3		2		2	1				8		2	1	2						3			8
Dysentery, chronic				2	1	1			2	1	1		8	2	2		4									8
Septic:																										
Puerperal septicæmia		1				1							2				2									2
Trismus neonatorum				7	6				1				14	11	1	2										14
Dietetic:																										
Malnutrition	5		2	1	7	2	2			1	1		21	8		11	2									21
Inanition			1		1	2		1					5	2		3										5
Constitutional:																										
Anæmia	1									1			2		1		1									2
Beri-beri	5	1	1	5	9	2	2	5	1	1	4	1	37		20	1	15						1			37
Carcinoma of—																										
Neck					1								1				1									1
Larynx	1												1				1									1
Leprosy					2								2		2											2
Purpura hemorrhagica					1								1		1											1
Rheumatism		1	4	1									6		3		1						2			6
Tuberculosis—																										
Meningeal	1				1								2		2											2
Glandular	1						1						2	2												2
Pulmonary	7	10	18	17	8	4	9	2	2	4	3		84		42		33						9			84
Developmental:																										
Cardiac malformation				2			7	1	1				11	6		5										11
Marasmus, infantile			1	3		1							5	3		2										5
Marasmus, senile		2			1			1					4		3		1									4
Stillbirths		3	2	1	5						1		12	6		6										12
Senility		1		2			2			1	2		8		2		6									8
Local diseases.																										
Nervous system:																										
Alcoholism chronic					1								1		1											1
Apoplexy, cerebral		1		1	1	1							4		3		1									4
Convulsions, infantile	2	11	26	49	12	8	9	7	5	9	1		139	76		63										139
Cerebral congestion			1	1	1		2	2	3		2		12	1	4	4	2						1			12
Eclampsia (not puerperal)		6	2	2	4	5	2	1		2		11	35	21		14										35
Delirium tremens								1					1										1			1
Encephalitis					1				1				2	1			1									2
Laryngismus stridulus		1											1	1												1
Meningitis, cerebral	3	1	3	7	3	4	1		3	1			26	14	5	3	3								1	26
Neurasthenia							1						1				1									1
Sclerosis, spinal cord	1												1				1									1
Circulatory system:																										
Angina pectoris	2	1	1	3	1					1			9		1		8									9
Blood vessels—																										
Arterio-sclerosis				7		1							8		3		4						1			8
Aneurism of aorta					1								1		1											1
Embolism pulmonary				1	1								2				2									2
Endocarditis											2		2		1	1										2
Fatty degeneration of heart	2			1			1						4		2		2									4
Hypertrophy of heart				2									2				2									2
Valvular disease of heart	1		1										2		1								1			2
Respiratory system:																										
Asthma			2	1	1								4		1		3									4
Bronchitis, acute			13	18	2	3	4	4	4		3		51	23	4	23	1									51
Bronchitis, chronic				3	2		4					1	10	2	3	2	3									10
Laryngitis, acute							4					1	5	3		2										5
Pharyngitis, chronic										1			1				1									1
Pleurisy, acute		1		2									3		3											3
Pneumonia			1				1		1		1		4	2	1	1										4
Pulmonary congestion	1		4		3	1				1	1		11	2	6	2	1									11
Hemorrhage				2									2		2											2
Digestive system:																										
Apendicitis					1								1		1											1
Enteritis, acute	2		1	1		1	1						6		2	3	1									6
Enteritis, chronic	1		1	6	2		3			1	2	1	17	6	5	2	4									17
Entero-colitis, acute				1		3		1					5	3		2										5
Entero-colitis, chronic			1	3	1	3			4				12	2	3	1	6									12
Intussusception intestinal										1			1		1											1
Gastritis, acute									2			1	3		2											3

CAUSES OF DEATH FOR MONTH OF JANUARY, 1901 (INCLUDING STILLBIRTHS)—Continued.

DISEASES.	By Districts.													Race, Sex, and Age.														
														Malay.				White.				Mongolian.						
														M.		F.		M.		F.		M.		F.				
	Manila (Walled City).	Binondo.	San Nicolas.	Tondo.	Santa Cruz.	Quiapo.	Sampaloc.	San Miguel.	Paco.	Ermita.	Malate.	Pandacan.	Total.	Under 5 years of age.	Over 5 years of age.	Under 5 years of age.	Over 5 years of age.	Under 5 years of age.	Over 5 years of age.	Under 5 years of age.	Over 5 years of age.	Under 5 years of age.	Over 5 years of age.	Under 5 years of age.	Over 5 years of age.	Total.
Local diseases—Continued.																												
Digestive system—Continued.																												
Gastritis, chronic							1		3			1	5		2	3												5
Gastro-enteritis, acute	1		2	1	1				3		1		9	3	1	4	1											9
Gastro-enteritis, chronic									2		2		4		1	3												4
Liver—																												
Cirrhosis of	1		1										2		2													2
Inflammation of								1			1		2		2													2
Absorbent and glandular:																												
Tonsilitis									1				1	1														1
Urinary system:																												
Nephritis, acute		1	1		1								3				2							1				3
Nephritis, chronic	1			1		1							3		1		1		1									3
Uremia				2									2		2													2
Reproductive system:																												
Abortion (five months)						1							1					1										1
Childbirth—																												
Eclampsia	1		1		1						1		4				4											4
Hemorrhage		2		1									3				3											3
Placenta previa					1								1				1											1
Pelvic peritonitis (puerperal)					1								1				1											1
Salpingitis	1												1				1											1
Accidents and violence:																												
Burning		1											1			1												1
Drowning			3	1		2							6		5									1				6
Total	16	53	105	175	95	58	61	34	44	29	31	22	753	214	185	173	155	1	1					23			1	753

Services rendered by the municipal midwives during the month of January, 1901.

District.	Name of midwife.	Number of cases attended.
Manila (Walled City)	Benita Miranda	6
Binondo	Juliana de los Santos	5
San Nicolas	Mamerta Mendez	5
Tondo	Basilia Garcia	15
Santa Cruz and Quiapo	Filomena Rubin	15
San Miguel and Sampaloc	Basilia Lois	2
Paco and Concepcion	Francisca Manalaisay	7
Ermita and Malate	Maria Penida Enriquez	12
Total		67

Summary of service rendered by municipal physicians during January, 1901.

District.	Physician.	Actual number of houses visited.	Actual number of families visited.	Number of sick prescribed for.	Number of deaths with medical assistance.	Number of deaths without medical assistance, viewed and inspected for certificates of death.
Manila (Walled City).	Dr. Gabriel Garcia Ageo.	21	18	22	4	6
Binondo	Dr. Salvador V. del-Rosario.	1	1	1	2	29
San Nicolas	Dr. Marcelo Eloriaga	4	4	4	8	67
Tondo N	Dr. Canuto Reyes	23	23	23	3	64
Tondo S	Dr. Vicente Cavanna	41	41	42	9	82
Santa Cruz	Dr. Manuel Gomez	13	14	15	15	63
Quiapo	Dr. Valeriano Pantoja	10	10	12	15	62
Sampaloc	Dr. Francisco Castañeda.	6	6	6	5	49
Paco and Concepcion.	Dr. Enrique Aguilar	42	41	43	16	23
Ermita and Malate.	Dr. Candido Mora	17	20	20	16	28
Pandacan	Dr. Francisco Rosario	37	37	39	7	18
Total		215	215	227	85	491

Vaccine virus issued during month ending January 31, 1901.

[Vaccine Institute: Saturnino Espejo, *Director.*]

	Units.
Army	14,700
Navy	100
Inhabitants of the Archipelago (excluding Manila)	40,500
Inhabitants of Manila	5,500
Total	60,800

Number of young carabao used in preparation of the lymph, 5.

Number of vaccinations during month of January, 1901, by districts.

District.	Children.	Adults.	Total.
Walled City	782	390	1172
Binondo	134	223	357
San Nicolas	409	357	766
Tondo	112	172	284
Santa Cruz	94	168	262
Quiapo	338	255	593
San Miguel	110	151	261
Sampaloc	125	311	436
Paco	76	165	241
Ermita	381	80	461
Malate	123	70	193
Total	2,744	2,782	5,526

Division of Inspection.

Number of inspections and reinspections	20,864
Number of complaints by citizens	31
Number of adverse reports made by inspectors	993
Number of notices served	1,024
Legal proceedings instituted for non-compliance with notice served	10
Number of permits issued to clean vaults, drains, etc	225
Number of houses in which rat poison was distributed (prevent spread of bubonic plague)	773
Houses disinfected	206
Premises cleaned	107

Deaths by nationalities.

Filipinos	728
Spanish	1
American	1
Japanese	1
Chinese	22
Total	753

Number of deaths with medical attendance	212
Number of deaths without medical attendance	541
Total	753

Veterinary Division.

[WILLIAM W. RICHARDS, V. S., *City Veterinarian;* JOHN G. SLEE, D. V. S., *Assistant City Veterinarian.*]

Number of cattle inspected	1,590
Number of hogs inspected	3,991
Number of carabaos inspected	77
Number of sheep inspected	20
Number of goats inspected	17
Number of horses inspected	376
In Government slaughterhouse:	
Number of cattle slaughtered	1,507
Number of hogs slaughtered	4,328
Number of cattle condemned and cremated	8
Number of hogs condemned and cremated	24
Number of horses condemned for glanders	12

Burials during January, 1900.

Cemeteries:	Number
Loma (Government)	203
Paco (General Government)	21
Santa Cruz	7
Balic-Balic	119
Binondo	22
Tondo	237
Maytubig	53
Malate	34
Pandacan	26
Chinese	25
Crematory	5
Santa Ana	1
Total	753

Disinterments, January, 1901.

Paco Cemetery	12
Chinese Cemetery (for removal to China)	11
Total	23

Monthly statement from morning reports of United States morgue, Manila, P. I., January, 1901.

Disposition.	Officers.	Soldiers.	Civilian employees.	Native employees.	Total.
Number of deaths in city of Manila	1	13		1	15
Number of bodies received from various posts in the Archipelago		9	1		10
Number of burials in National Cemetery		3	1		4
Number of bodies embalmed and shipped to United States	1	20			21
Number of remains disinterred in Manila (National Cemetery) for shipment to United States					

Crematories, January, 1901.

Disposition.	Paco.	Santa Cruz.	Total.
Cartloads of refuse consumed	534	464	998
Carcasses of horses consumed	51	51	102
Carcasses of mules consumed	6	7	13
Carcasses of carabaos consumed	14	25	39
Carcasses of dogs consumed	42	133	175
Carcasses of fowls consumed	9	88	97
Carcasses of monkeys consumed		3	3

Statement of bubonic plague for month ending January 31, 1901.

Number of cases remaining from December, 1900:	
Filipino	1
Number of new cases:	
Filipino	3
Chinese	4
Total	7
Number of deaths:	
Filipino	3
Chinese	2
Total	5
Number remaining:	
Filipino	1
Chinese	2
Total	3

Comparative statement for corresponding period, January, 1900.

Number of new cases:	
Filipino	15
Chinese	3
Total	18
Number of deaths:	
Filipino	9
Chinese	2
Total	11
Number discharged:	
Filipino	2
Number remaining:	
Filipino	4
Chinese	1
Total	5

Statement of smallpox for month ending January 31, 1901.

Number of new cases:	
Filipino	15
Number of deaths:	
Filipino	1
Number discharged:	
Filipino	1
Number remaining in smallpox hospital:	
Filipino	13

Comparative statement for corresponding period, January, 1900.

Number cases remaining from December, 1899:	
Filipino	9
Number of new cases:	
Filipino	13
Number of deaths:	
Filipino	2
Number discharged:	
Filipino	15
Number remaining in smallpox hospital:	
Filipino	5

Comparative mortality from October 1, 1900, to January 31, 1901, with corresponding period previous year, based on estimated population of 300,000.

Month.	189-.		1900.		1901.	
	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.
October	1,184	47.36	961	38.44		
November	1,235	49.40	976	39.04		
December	1,162	46.48	905	36.20		
January			1,055	42.20	753	30.12

Summary of statistics of births and deaths.

Population (estimated)	300,000
Mortality for the month of January	753
Annual death rate per 1,000	30.12
Births reported [1]	489
Annual birthrate (based on reports)	19.56
Annual death rate per 1,000 for year ending December 31, 1900	34.47

[1] Incomplete.

Meteorological observations deduced from hourly observations for month of January, taken from the Central Observatory of Manila.

Date.	Barometer,[1] mean.		Temperature. Mean.		Temperature. Maximum.		Temperature. Minimum.		Mean relative humidity.	Wind. Prevailing direction.	Wind. Total daily motion.		Wind. Maximum. Force.		Wind. Maximum. Direction.	Sunshine.
	Inches.	*Mm.*	*C.*	*F.*	*C.*	*F.*	*C.*	*F.*			*Km.*	*Miles.*	*Km.*	*Miles.*		*h. m.*
1	29.938	60.39	26.2	79.2	31.4	88.5	21.1	69.9	76.6	E.	161.5	100.4	14.0	8.7	ENE.	8 50
2	29.939	60.42	25.9	78.6	31.3	88.3	20.7	69.2	78.4	ESE.	194.5	120.9	26.0	16.2	ESE.	7 55
3	29.939	60.43	25.7	78.3	30.6	87.0	21.1	69.9	77.1	E., ENE.	195.0	121.2	22.0	13.7	E.	5 40
4	29.928	60.16	25.8	78.4	31.1	88.0	20.9	69.6	76.5	NE.	171.0	106.3	16.0	9.9	ESE.	8 20
5	29.908	59.66	25.5	77.9	29.8	85.7	20.0	68.0	81.0	NE.	181.5	112.8	17.0	10.6	NW.	9 35
6	29.910	59.71	25.4	77.7	30.6	87.1	19.6	67.2	80.0	ESE.	172.0	106.9	17.0	10.6	WNW.	9 50
7	29.929	60.17	25.2	77.4	29.5	85.1	19.2	66.6	77.4	E.	161.5	100.4	16.0	9.9	NE.	7 15
8	29.917	59.87	25.4	77.7	30.4	86.7	19.6	67.3	77.4	NNE.	182.5	113.4	17.5	10.9	WNW.	9 45
9	29.936	60.36	25.3	77.5	30.9	87.7	21.5	70.7	79.3	ENE., ESE.	166.5	103.5	13.5	8.4	SSE.	8 50
10	29.975	61.34	25.1	77.2	30.1	86.2	19.8	67.7	79.0	NE.	170.5	106.0	15.5	9.6	W.	9 35
11	29.981	61.50	26.4	79.5	32.0	89.6	21.2	70.2	79.0	N.	137.5	85.4	16.0	9.9	NW.	7 50
12	30.010	62.26	27.0	80.6	30.4	86.8	22.8	73.0	79.6	S.	162.5	101.0	17.0	10.6	SW.	8 05
13	30.036	62.89	26.6	79.9	31.7	89.0	21.1	70.0	77.1	E.	164.0	101.9	14.0	8.7	W.	9 45
14	30.048	63.21	25.4	77.7	31.7	89.0	19.4	67.0	78.0	E., ENE.	184.5	114.7	18.0	11.2	SE.	9 55
15	30.065	63.63	25.2	77.4	30.4	86.8	19.9	67.8	74.5	ENE.	259.0	160.9	25.5	15.8	E.	9 30
16	30.060	63.49	25.3	77.5	31.7	89.0	19.4	67.0	68.6	E.	296.0	183.9	28.0	17.5	SE.	10 05
17	30.044	63.11	25.0	77.0	30.7	87.3	19.1	66.3	75.3	ENE.	238.0	147.9	18.0	11.2	WNW.	9 15
18	30.049	63.23	24.4	75.9	29.7	85.4	18.1	64.5	72.7	NE.	205.0	127.4	22.0	13.7	NE.	8 25
19	30.064	63.59	24.8	76.6	30.0	86.0	18.3	65.0	67.5	E.	291.0	180.8	31.0	19.3	E.	9 20
20	30.036	62.90	25.4	77.7	31.6	88.9	19.2	66.5	69.0	NE.	243.0	151.0	22.5	14.0	E.	7 45
21	30.035	62.88	25.4	77.7	30.4	86.8	20.4	68.8	70.9	E.	238.0	147.9	17.5	10.9	E.	7 10
22	30.028	62.70	25.1	77.2	31.2	88.2	18.4	65.2	70.8	NE.	216.5	134.5	22.5	14.0	E.	9 50
23	30.021	65.52	24.8	76.6	29.8	85.7	21.0	69.8	77.1	E.	249.0	154.7	24.0	14.9	E.	3 45
24	29.998	61.93	24.3	75.7	29.0	84.2	18.5	65.3	73.7	E.	211.5	131.4	18.0	11.2	E.	6 15
25	30.006	62.15	24.4	75.9	30.4	86.7	18.4	65.2	70.8	NE.	246.0	152.9	25.0	15.5	E. by S.	8 30
26	30.046	63.14	24.4	75.9	29.6	85.3	18.2	64.7	76.6	ESE.	232.5	144.5	25.5	15.8	E.	6 30
27	30.068	63.69	25.3	77.5	31.3	88.3	19.7	67.5	65.3	E.	224.0	139.2	27.5	17.1	E.	10 15
28	30.046	63.15	23.4	74.1	28.4	83.1	17.6	63.6	78.6	NNE., ESE.	111.0	69.0	18.5	11.5	ESE.	3 30
29	29.952	60.77	25.2	77.4	31.4	88.6	20.0	68.0	74.3	NE.	123.0	76.4	20.5	12.7	E.	7 20
30[2]	29.913	59.78	24.6	76.3	28.1	82.5	20.9	69.6	81.6	E.	76.5	47.5	8.0	5.0	NW.	3 50
31	29.923	60.02	25.7	78.3	31.2	88.2	21.0	69.8	69.2	NE.	66.0	41.0	12.5	7.8	NE.	7 00
Mean	29.992	61.78	25.3	77.5	30.5	86.9	19.9	67.8	75.3		191.3	118.9	19.5	12.2		8 03
Total											5,931.0	3,685.7				249-25

[1] Corrected for instrumental error and for temperature and reduced to sea level. Correction to standard gravity,—1.72 mm. (0.0068 inch).
[2] Rainfall, 0.004 inch; 0.1 millimeter.

GENERAL LIBRARY,
UNIV. OF MICH.
AUG 30 1905

REPORT OF VITAL STATISTICS

BOARD OF HEALTH

Manila, Philippine Islands

VOL. I. FEBRUARY, 1901. No. 4.

MEMBERS OF THE BOARD.

Major FRANKLIN A. MEACHAM, Surgeon, U. S. V., ... *President*
Major GEORGE W. MATHEWS, Surgeon, U. S. V., ... *Registrar of Vital Statistics*
Captain CHARLES LYNCH, Assistant Surgeon, U. S. Army, ... *Secretary*
First Lieutenant WILLIAM J. CALVERT, Assistant Surgeon, U. S. Army, ... *Bacteriologist*
First Lieutenant HARRY L. GILCHRIST, Assistant Surgeon, U. S. Army, ... *Chief of Sanitary Corps*
T. H. PARDO DE TAVERA, M. D., ... *Honorary Member*
ARISTON BAUTISTA LIN, M. D., ... *Honorary Member*

MUNICIPAL PHYSICIANS.

Dr. Gabriel García Ageo, ... for the district of Walled City.
Dr. Cándido Mora, ... for the districts of Ermita and Malate.
Dr. Enrique Aguilar, ... for the district of Paco.
Dr. Francisco Castañeda, ... for the districts of Sampaloc and San Miguel.
Dr. Valeriano Pantoja, ... for the district of Quiapo.
Dr. Manuel Gomez, ... for the district of Santa Cruz.
Dr. Marcelo Eloriaga, ... for the district of San Nicolas.
Dr. S. V. del Rosario, ... for the district of Binondo.
Dr. Canuto Reyes, ... for the district of Tondo (North)
Dr. Vicente Cavanna, ... for the district of Tondo (South)
Dr. Francisco Rosario, ... for the district of Pandacan.

METEOROLOGICAL OBSERVATIONS

DEDUCED FROM HOURLY OBSERVATIONS,

FOR MONTH OF FEBRUARY, TAKEN FROM "OBSERVATORIO CENTRAL DE MANILA."

Date	Barometer (*) Mean		Temperature Mean		Temperature Maximum		Temperature Minimum		Relative humidity	Wind Prevailing direction	Wind Total daily motion		Wind Maximum Force		Wind Maximum Direction	Sunshine	Rainfall	
Feb.	Inches	mm.	C.	F.	C.	F.	C.	F.	Mean		Km.	Miles	Km.	Miles		H. m.	Inches	mm.
1	29.908	759.64	25.8	78.4	29.2	84.5	22.5	72.5	69.9	NNE.	203	126	20	12	NNE.	0 15		
2	29.930	60.19	25.6	78.1	28.5	83.3	22.9	73.2	75.2	NNE.	118	73	14	9	NE. by E	1 00		
3	29.919	59.22	25.7	78.3	29.0	84.2	22.6	72.7	73.8	WNW.	108	67	17	11	N.	1 15		
4	29.845	60.60	25.6	78.1	29.3	84.8	22.2	71.9	75.3	NE.	154	96	14	9	NE.	1 15		
5	29.997	61.89	25.0	77.0	27.6	81.6	21.7	71.1	81.4	NE.	136	84	10	6	NE.	2 10	0.189	4.8
6	30.019	62.47	25.6	78.1	29.9	85.8	21.4	70.5	72.5	NE.	180	112	20	12	NNE.	3 40		
7	29.973	61.29	25.3	77.5	30.1	86.2	20.1	68.2	78.3	NE and NNE.	152	94	12	7	WSW.	5 00		
8	29.923	60.02	25.7	78.3	29.0	84.2	20.9	69.7	79.1	NNW	108	67	14	9	NNE.	4 30		
9	29.862	58.47	26.8	70.2	30.8	87.4	22.8	73.0	79.4	WSW.	222	138	19	12	N.	7 05		
10	29.822	57.48	25.6	78.1	29.7	85.4	21.2	70.2	74.4	N.	436	271	28	18	N.	10 15		
11	29.899	59.42	23.8	74.4	27.8	82.0	18.9	66.0	71.8	N. and WSW	444	276	31	19	NNE	10 15		
12	30.004	62.11	23.6	74.5	29.7	85.4	18.7	65.7	61.2	N.	609	378	37	23	NW.	9 30		
13	30.076	63.93	23.3	73.9	28.1	82.6	18.6	65.5	67.7	N.	356	221	24	15	N.	6 25		
14	30.081	64.06	24.6	76.3	30.0	86.0	19.9	67.9	72.5	NNE.	245	152	26	16	NNE.	8 50		
15	30.075	63.89	25.1	77.2	29.9	85.8	19.7	67.5	76.8	W.	198	123	21	13	SE.	9 45		
16	30.071	63.52	25.7	78.3	30.0	86.0	20.4	68.7	76.3	WNW.	204	127	18	11	WNW.	10 25		
17	30.098	64.47	25.8	78.4	31.0	89.2	19.9	67.9	75.9	ESE.	190	118	16	10	W. by N.	9 35		
18	30.113	64.84	25.4	77.7	30.6	87.0	20.2	68.3	77.6	ESE.	147	91	14	9	E.	4 45		
19	30.054	63.35	24.9	76.8	28.3	83.0	21.7	71.0	84.0	ESE.	128	80	12	7	ESE.	2 45	0.134	3.4
20	29.962	61.02	25.5	77.9	30.7	87.2	21.2	70.1	77.1	E.	300	186	28	18	ESE.	5 30		
21	29.949	60.71	25.6	78.1	29.0	85.8	20.2	68.3	76.3	N.	253	157	26	16	NNW.	9 35		
22	29.968	61.18	25.4	77.7	30.2	86.3	21.1	70.0	75.5	variable	168	104	14	9	ESE.	2 40		
23	29.998	61.93	24.9	76.8	29.6	85.3	21.2	70.2	69.5	variable	142	88	19	12	E.	4 50		
24	29.996	61.88	25.1	77.2	30.4	86.7	20.2	68.4	72.7	SE.	240	149	23	14	SE.	10 00		
25	30.000	61.97	25.1	77.2	28.6	83.5	21.1	69.9	75.4	NE.	137	85	13	8	NE.	3 35		
26	29.973	61.29	25.0	77 0	29.7	85.4	20.7	69.3	72.5	E and ESE	150	93	16	10	SE.	6 25		
27	29.969	61.20	24.1	75.4	27.1	80.7	21.0	69.8	83.6	N and ESE	134	83	18	11	NW.	1 00	0.059	1.5
28	29.992	61.77	25.2	77.4	29.7	85.5	21.5	70.7	76.1	E.	220	137	22	14	ESE.	6 00		
Mean	29.985	61.59	25.2	77.3	29.5	85.0	20.9	69.6	75.1		217.2	134.9	19.5			5 39		
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	6082	3776	-----	-----	-----	158-15	0.382	9.7

(*) Corrected for instrumental error and for temperature, and reduced to sea-level. Correction to standard gravity, −1.72 mm. (−0.068 inch)

CAUSES OF DEATHS FOR MONTH OF FEBRUARY, 1901 (INCLUDING STILL-BIRTHS).

DISEASES.	BY DISTRICTS.													RACE, SEX AND AGE.											
														Malay.				White.				Mongolian.			
														M.		F.		M.		F.		M.		F.	
	Walled City.	Binondo.	San Nicolas.	Tondo.	Santa Cruz.	Quiapo.	Sampaloc.	San Miguel	Paco.	Ermita.	Malate.	Pandacan.	Total.	Under 5 yrs. age.	Over 5 yrs. age.	Under 5 yrs. age.	Over 5 yrs. age.	Under 5 yrs. age.	Over 5 yrs. age.	Under 5 yrs. age.	Over 5 yrs. age.	Under 5 yrs. age.	Over 5 yrs. age.	Under 5 yrs. age.	Over 5 yrs. age.	Total.
GENERAL DISEASES																									
Specific Febrile																									
Bubonic plague	1	6	9	2	1	1							20		3		5		1				11		20
Cerebro-spinal meningitis		1											1				1								1
Influenza					7						1		8	4	1	3									8
Malarial Fever: Intermittent			2	1	1	1	3	2	2			1	13	2	6	1	4								13
Malarial Fever: Remittent	2	1						2	2				7	2	2	1	2								7
Malarial Fever: Continued	1				3						1		5	3	2										5
Malarial Fever: Pernicious	1				1		4			1	2		9	1	5		3								9
Malarial Fever: Cachexia				1	1						1		3	1	1	1									3
Typhoid Fever	3	1		3	3						2		12		6	2	2		1				1		12
Variola					1								1		1										1
Diarrhœal																									
Diarrhœa, acute			4			1							5	3	1	1									5
Dysentery, acute		1	6	1	1		3		1			2	15	3	4	1	4						3		15
Dysentery, chronic		1		1	1				1				4				2						2		4
Septic																									
Anthrax					1								1		1										1
Puerperal septicæmia							1						1				1								1
Trismus Neonatorum			1	6	7				3				17	7		10									17
Tetanus traumatic				1									1										1		1
Dietetic																									
Malnutrition	2	1			6			3					12	5		7									12
Constitutional																									
Anæmia	3												3		2				1						3
Beri-Beri	12	2	2		5	1	2	2	4	1	4		35	1	22		12								35
Carcinoma of face					1								1		1										1
Leucocythæmia									1				1				1								1
Leprosy					1								1		1										1
Tuberculosis: Meningeal				1	1								2		1		1								2
Tuberculosis: Intestinal						1							1			1									1
Tuberculosis: Pulmonary	15	8	11	12	12	3	6	4	2	2	2		77	1	41		31						4		77
Developmental																									
Cardiac malformation				1			3		1				5	3		2									5
Marasmus, infantile		1		2									3	2		1									3
Marasmus, senile		2			1	2		2			1		8		1		7								8
Still-births		1		2	3	2	1			3			12	7		5									12
Senility					1		1			1			3		2		1								3
LOCAL DISEASES																									
Nervous System																									
Alcoholism chronic	1	1			1								3		3										3
Apoplexy, cerebral			1	1	1				2			1	6	2	2		1		1						6
Convulsions, infantile	4	14	27	35	15	10	3	5	1	3	6	3	126	65		61									126
Cerebral congestion	1	2	1	1	1			1					7	2	1	1	1		1				1		7
Encephalitis												1	1				1								1
Hydrocephalus												1	1				1								1
Meningitis, cerebral	2	2	2	9	3	1			2		2		23	8	2	8	4		3				1		23
Meningitis, spinal									1				1		1										1
Myelitis							1						1				1								1
Circulatory System																									
Angina Pectoris	1	1		3			1				1		7	1	4		2								7
Blood vessels, arterio-sclerosis	1			7						1			9		4		5								9
Embolism, pulmonary	1		1										2		1		1								2
Endocarditis	1			5		1					4		11		7		4								11
Fatty degeneration	4												4		4										4
Hypertrophy of Heart	4												4		3				1						4
Valvular disease	2			1	1	1				1			6		5		1								6
Pericarditis	3												3		3										3
Senile gangrene	1												1				1								1
Respiratory System																									
Asthma				1									1				1								1
Croup, catarrhal				1									1	1											1
Bronchitis, acute	8		15	14	1	2	4	1	2		5		52	21	10	20	1								52
Bronchitis, chronic	2	1	1	6			2		2			1	15		7		6						2		15
Laryngitis, acute							1		2				3	1		2									3
Laryngitis, chronic							1						1			1									1
Pleurisy, acute	1			2		1							4		4										4
Pneumonia	2			1					1				4		3	1									4
Pulmonary congestion	1		8		3				1	1	1		10	1	6	1	2								10
Hemorrhage		1		2						1			4		2		2								4
Digestive System																									
Appendicitis				1									1		1										1
Enteritis, acute	1	1					1	1	1				5	3		1							1		5
Enteritis, chronic	3			6			1					1	11	1	3	5	2								11
Entero-colitis, acute					1	2							3	1		1	1								3
Entero-colitis, chronic	1	1		1	5		1		2				11	1	6	1	3								11
Gastric ulcer				1									1		1										1
Intussusception intestinal	1	1			1								3		2		1								3
Gastritis, acute		1			1				1		1	1	5	2	1	1	1								5
Gastritis, chronic									2			1	3	1	1		1								3
Gastro-enteritis, acute			2	3			1	1		1	1		9	5	1	2	1								9
Gastro-enteritis, chronic	2				2				3	2			9	3	3	2			1						9
Liver: Cirrhosis of											1		1										1		1
Liver: Inflammation of	2				1		1				1		5		5										5
Liver: Abscess of	2			1		1							4		2				2						4
Urinary System																									
Nephritis, acute	1												1		1										1
Nephritis, chronic				1		1							2		1		1								2
Uræmia					1								1		1										1
Reproductive System																									
Abortion (6 months)											1		1				1								1
Child-birth: Eclampsia			1				1						2				2								2
Child-birth: Hemorrhage				1	2								3				3								3
Child-birth: Inflammation of uterus												1	1				1								1
Accidents and Violence																									
Homicide	2	2							1				5		3		1						1		5
Suicide									1				1		1										1
Accident	1												1		1										1
Drowning			2										2		2										2
TOTAL	96	54	91	138	99	32	43	24	42	18	38	14	689	164	212	144	181		9				29		689

SERVICES RENDERED BY THE MUNICIPAL MIDWIVES DURING THE MONTH OF FEBRUARY, 1901.

DISTRICT.	NAME OF MIDWIFE.	No. of cases attended
Manila (Walled City)	Benita Miranda	3
Binondo	Juliana de los Santos	10
San Nicolas	Mamerta Mendez	14
Tondo	Basilia Garcia	12
Santa Cruz and Quiapo	Filomena Rubin	13
San Miguel and Sampaloc	Basilia Lois	15
Paco and Concepcion	Francisca Manalaisay	5
Ermita and Malate	Maria Penida Enriquez	10
	Total	82

SUMMARY OF SERVICES RENDERED BY MUNICIPAL PHYSICIANS FEBRUARY, 1901.

	Actual number of houses visited.	Actual number of families visited.	Number of sick prescribed for.	Number of deaths with medical assistance.	Number of deaths without medical assistance, viewed and inspected for certificates of death.	Total number of visits.
Manila (Walled City)	16	21	21	2	12	19
Binondo	2	2	2	0	19	2
San Nicolas	2	2	2	2	62	16
Tondo, North	26	25	26	6	64	396
Tondo, South	28	31	31	6	54	31
Santa Cruz	18	22	22	11	56	22
Quiapo	11	11	12	3	40	12
Sampaloc	7	7	7	2	34	7
Paco and Concepcion	45	51	51	18	23	147
Ermita and Malate	17	9	19	10	19	55
Pandacan	31	34	37	5	9	37
TOTAL	203	225	280	65	392	744

VACCINE INSTITUTE

SATURNINO ESPEJO, DIRECTOR.

Vaccine virus issued during month ending Feb. 28, 1901.

Army	27,300 units
Navy	3,700 units
Inhabitants of the Archipelago [excluding Manila]	88,100 units
Inhabitants of Manila	7,600 units
Total	126,700 units
Number of young carabaos used in preparation of virus	8

VACCINATIONS, FEBRUARY, 1901

	Walled City.	Binondo.	San Nicolas.	Tondo.	Santa Cruz.	Quiapo.	San Miguel.	Sampaloc.	Paco.	Ermita.	Malate.	TOTAL.
Children	384	242	111	291	1155	127	156	259	286	48	133	3192
Adults	274	335	342	278	469	474	262	246	250	110	112	3152
TOTAL	658	577	453	569	1624	601	418	505	536	158	245	6344

DIVISION OF INSPECTION

Number of inspections and re-inspections	20,188
Number of complaints by citizens	30
Number of adverse reports made by inspectors	680
Number of notices served	690
Legal proceedings instituted for non-compliance with notice served	9
Number of permits issued to clean vaults, drains, etc	225
Number of houses in which rat poison was distributed (Prevent spread of bubonic plague)	1,181
Houses disinfected	84
Premises cleaned	6

DEATHS BY NATIONALITIES

Philippinos	651
Spanish	7
American and Foreign	2
Chinese	29
Total	689

Number of deaths with medical attendance	263
Number of deaths without medical attendance	426
Total	689

VETERINARY DIVISION

WILLIAM W. RICHARDS, V. S. — City Veterinarian.

JOHN G. SLEE, D. V. S. — Asst. City Veterinarian.

Number of cattle inspected	1397
Number of hogs inspected	4107
Number of carabaos inspected	56
Number of sheep inspected	11
Number of goats inspected	28
Number of horses inspected	326
In Government Slaughterhouse: Number of cattle slaughtered	1352
In Government Slaughterhouse: Number of hogs slaughtered	4380
In Government Slaughterhouse: Number of sheep slaughtered	1
In Government Slaughterhouse: Number of hogs condemned and cremated	44
Number of horses condemned for glanders	8

BURIALS, FEBRUARY, 1901

CEMETERIES.	No.
Loma (Government)	219
Paco General (Government)	28
Santa Cruz	7
Balic-balic	79
Binondo	21
Tondo	208
Maytubig	35
Malate	27
Pandacan	15
Chinese	34
Crematory	10
Santa Ana	6
TOTAL	689

DISINTERMENTS, FEB., 1901

Santa Cruz	1
Paco Cemetery	8
Chinese Cemetery (for removal to China)	2
TOTAL	11

Monthly Statement taken from Morning Reports U. S. Morgue, Manila, P. I., during Feb., 1901

	Officers.	Soldiers.	Civilian Employees.	Native Employees.	TOTAL
Number of deaths in city of Manila	0	13	2	0	15
Number of bodies received from various posts in the Archipelago	0	7	1	0	8
Number of burials in the National Cemetery	0	6	1	0	7
Number of bodies embalmed and shipped to the United States	0	15	1	0	16
Number of remains disinterred in Manila (National Cemetery) for shipment to United States	0	0	0	0	0

CREMATORIES, FEBRUARY, 1901.

	Paco.	Santa Cruz	Total.
Cart loads of refuse cremated	901	513	1414
Carcasses of horses cremated	69	25	94
Carcasses of mules cremated	8	0	8
Carcasses of carabaos cremated	16	14	30
Carcasses of fowls cremated	1	206	207
Carcasses of dogs cremated	35	321	356
Carcasses of monkeys cremated	0	11	11
Carcasses of cattle cremated	0	9	9

Statement of Bubonic Plague for Month Ending Feb. 28, 1901.

No. Cases remaining from Jan., 1901.					No. of New Cases.					No. Deaths.					No. Discharged.					No. Remaining.				
American	Philippino	Spanish	Chinese	Total	American	Philippino	Spanish	Chinese	Total	American	Philippino	Spanish	Chinese	Total	American	Philippino	Spanish	Chinese	Total	American	Philippino	Spanish	Chinese	Total
0	1	0	2	3	0	11	1	15	27	0	8	1	11	20	0	1	0	1	2	0	3	0	5	8

Comparative Statement for Corresponding Period, Feb., 1900.

No. Cases remaining from Jan., 1900.					No. of New Cases.					No. Deaths.					No. Discharged.					No. Remaining.				
American	Philippino	Spanish	Chinese	Total	American	Philippino	Spanish	Chinese	Total	American	Philippino	Spanish	Chinese	Total	American	Philippino	Spanish	Chinese	Total	American	Philippino	Spanish	Chinese	Total
0	4	0	1	5	0	12	0	136	48	0	11	0	24	35	0	3	0	3	6	0	2	0	10	12

Statement of Small-Pox for Month Ending Feb. 28, 1901.

No. Cases remaining from Jan., 1901.					No. of New Cases.					No. Deaths.					No. Discharged.					No. remaining in Small-Pox Hospital.				
American	Philippino	Spanish	Chinese	Total	American	Philippino	Spanish	Chinese	Total	American	Philippino	Spanish	Chinese	Total	American	Philippino	Spanish	Chinese	Total	American	Philippino	Spanish	Chinese	Total
0	13	0	0	13	0	10	0	0	10	0	1	0	0	1	0	18	0	0	18	0	4	0	0	4

Comparative Statement for Corresponding Period, Feb., 1900.

No. Cases remaining from Jan., 1900.					No. of New Cases.					No. Deaths.					No. Discharged.					No. remaining in Small-Pox Hospital.				
American	Philippino	Spanish	Chinese	Total	American	Philippino	Spanish	Chinese	Total	American	Philippino	Spanish	Chinese	Total	American	Philippino	Spanish	Chinese	Total	American	Philippino	Spanish	Chinese	Total
0	5	0	0	5	4	14	1	0	19	0	0	0	0	0	3	14	1	0	17	1	5	1	0	7

Comparative Mortality from October 1, 1900, to February 28, 1901, with Corresponding Period Previous Years.—Based on Estimated Population of 300,000.

Month.	1899.		1900.		1901.	
	No. Deaths.	Annual Death rate per 1000.	No. Deaths.	Annual Death rate per 1000.	No. Deaths.	Annual Death rate per 1000.
October	1184	47.36	961	38.44	—	—
November	1235	49.40	976	39.04	—	—
December	1162	46.48	905	36.20	—	—
January	—	—	1055	42.20	753	30.12
February	—	—	884	35.36	689	27.56

Summary of Statistics of Births and Deaths

Population (estimated)	300,000
Mortality for the month of February	689
Annual death rate per 1000	27.56
*Births reported	430
Annual birth rate (based on reports)	17.20
Annual death rate per 1000 for year ending Dec. 31, 1900	34.47

*Incomplete.

GENERAL LIBRARY,
UNIV. OF MICH.
AUG 30 1905

REPORT OF VITAL STATISTICS.

BOARD OF HEALTH

MANILA, PHILIPPINE ISLANDS.

MARCH, 1901.

MEMBERS OF THE BOARD.

FRANKLIN A. MEACHAM, Major and Surgeon, United States Volunteers, *President.*
GEORGE W. MATHEWS, Major and Surgeon, United States Volunteers, *Registrar of Vital Statistics.*
CHARLES LYNCH, Captain and Assistant Surgeon, United States Army, *Secretary.*
WILLIAM J. CALVERT, First Lieutenant and Assistant Surgeon, United States Army, *Bacteriologist.*
HARRY L. GILCHRIST, First Lieutenant and Assistant Surgeon, United States Army, *Chief of Sanitary Corps.*
T. H. PARDO DE TAVERA, M. D., *Honorary Member.*

MUNICIPAL PHYSICIANS AND DISTRICTS.

Dr. GABRIEL GARCIA AGEO, *Manila (Walled City).*
Dr. CANDIDO MORA, *Ermita and Malate.*
Dr. ENRIQUE AGUILAR, *Paco.*
Dr. FRANCISCO CASTAÑEDA, *Sampaloc and San Miguel.*
Dr. VALERIANO PANTOJA, *Quiapo.*
Dr. MANUEL GOMEZ, *Santa Cruz.*
Dr. MARCELO ELORIAGA, *San Nicolas.*
Dr. S. V. DEL ROSARIO, *Binondo.*
Dr. CANUTO REYES, *Tondo (north).*
Dr. VICENTE CAVANNA, *Tondo (south).*
Dr. FRANCISCO ROSARIO, *Pandacan.*

MANILA:
BUREAU OF PUBLIC PRINTING.
1904.

18401

CAUSES OF DEATH FOR MONTH OF MARCH, 1901 (INCLUDING STILLBIRTHS).

DISEASES.	By Districts.													Race, Sex, and Age.												
														Malay.				White.				Mongolian.				
														M.		F.		M.		F.		M.		F.		
	Manila (Walled City).	Binondo.	San Nicolas.	Tondo.	Santa Cruz.	Quiapo.	Sampaloc.	San Miguel.	Paco.	Ermita.	Malate.	Pandacan.	Total.	Under 5 years of age.	Over 5 years of age.	Under 5 years of age.	Over 5 years of age.	Under 5 years of age.	Over 5 years of age.	Under 5 years of age.	Over 5 years of age.	Under 5 years of age.	Over 5 years of age.	Under 5 years of age.	Over 5 years of age.	Total.
General diseases.																										
Specific febrile:																										
Bubonic plague	2	18	19	5	5		1					1	51	2	7		2						40			51
Meningitis, cerebro-spinal	1			2									3		2	1										3
Influenza	2		1		10	2							15	10	1	3				1						15
Gastro, entero-colitis																										
Malarial fever																										
Intermittent	1					2	2	1	2			3	11	1	6	1	3									11
Remittent	3	1						2	1		5		12		11	1										12
Continued	5	1	1		4								11		8	2	1									11
Pernicious	7	1			2					1	3	1	15	1	10	1	3									15
Malarial cachexia	3	1	1	3	1								9		7		2									9
Measles	1						1						2		1								1			2
Typhoid fever	6			1	3				1				11		10		1									11
Parotitis																										
Diarrheal:																										
Cholera infantum				1									1	1												1
Diarrhea, acute					1		1						2		2											2
Dysentery, acute	1	1	7	2	1							1	13	4	2	1	1						5			13
Dysentery, chronic	3			2	4		1					1	11		6	2	2						1			11
Diarrhea, chronic																										
Zoögenous—anthrax																										
Septic:																										
Puerperal septicæmia																										
Trismus neonatorum			2		5	3		1	2				13	7		6										13
Dietetic:																										
Malnutrition	2		1	1	4	4	1	1	1	1			16	10		5	1									16
Inanition						1		1					2	1		1										2
Constitutional:																										
Anæmia	5										1		6		3		2		1							6
Beri-beri	20	2	1	1	10	4	1	1	3	1	14	1	59		51		7						1			59
Carcinoma of axilla	1												1				1									1
Leucocythemia							1						1				1									1
Leprosy					3								3		1		2									3
Rheumatism	1		1			2		1			2		7		5		2									7
Tuberculosis, meningeal				1									1				1									1
Tuberculosis, miliary	1			1									2		2											2
Tuberculosis, intestinal	1												1				1									1
Tuberculosis, pulmonary	24	11	14	7	13	7	7	3	3	4	4		97		55		29		2				11			97
Sarcoma of the uterus																										
Developmental:																										
Cardiac malformation							1	1	1				3	2		1										3
Marasmus, infantile		1	1	1									3	3												3
Marasmus, senile		2			1	1							4		3		1									4
Stillbirths	1	1	1	1	2		2				1		9	4		5										9
Senility	2			1			3						6		5		1									6
Local diseases.																										
Nervous system:																										
Alcoholism, chronic					1								1		1											1
Apoplexy, cerebral		1		5		1							7		3		3						1			7
Cerebral congestion	3				2		1		3				9	2	5		1						1			9
Convulsions, infantile	1	21	28	68	11	8	5	5	4	9	5	6	171	87		84										171
Encephalitis					1								1				1									1
Hydrocephalus	1												1		1											1
Meningitis, cerebral	4		7	6	6	5		2	3	1	1		35	12	4	13	4	1			1					35
Meningitis, spinal	1												1		1											1
Myelitis												1	1	1												1
Eclampsia (not puerperal)																										
Neurasthenia																										
Paralysis																										
Circulatory system:																										
Angina pectoris	6			4	1	1	1	1					14		8		6									14
Arterio-sclerosis				2									2				2									2
Aneurism of aorta	1				1								2		2											2
Embolism, pulmonary		1											1				1									1
Endocarditis	3		1	4	1						3	1	13		10		3									13
Fatty degeneration of heart	3		1										4		3		1									4
Hypertrophy of heart	5												5		5											5
Valvular disease of heart		2											2		1		1									2
Myocarditis																										
Pericarditis																										
Insufficiency, mitral																										
Respiratory system:																										
Asthma	1	1	1		1								4		4											4
Bronchitis, acute	3	1	11	10	6	1	3		2	1	1		39	14	6	18	1									39
Bronchitis, chronic	2			6	1		1		2			2	14		6		7						1			14
Laryngitis, acute							2		2				4	1	1	2										4
Laryngitis, chronic									1			1	2		1	1										2
Pharyngitis, chronic	1			1									2		1		1									2
Pleurisy, acute	6			1									7		6		1									7
Pneumonia	9			1	1		1						12		8		3						1			12
Pulmonary congestion	2			1									3		2		1									3
Pulmonary hemorrhage				1									1		1											1
Digestive system																										
Appendicitis		1											1		1											1
Enteritis, acute	1	1		5		1							8	3	2	2	1									8

CAUSES OF DEATH FOR MONTH OF MARCH, 1901—Continued.

DISEASES.	By Districts.												Total.	Race, Sex, and Age.														Total.
														Malay.				White.				Mongolian.					
														M.		F.		M.		F.		M.		F.			
	Manila (Walled City).	Binondo.	San Nicolas.	Tondo.	Santa Cruz.	Quiapo.	Sampaloc.	San Miguel.	Paco	Ermita.	Malate.	Pandacan.		Under 5 years of age.	Over 5 years of age.	Under 5 years of age.	Over 5 years of age.	Under 5 years of age.	Over 5 years of age.	Under 5 years of age.	Over 5 years of age.	Under 5 years of age.	Over 5 years of age.	Under 5 years of age.	Over 5 years of age.		
Local diseases—Continued.																											
Digestive system—Continued.																											
Enteritis, chronic	4		2	10		1	2		2				21	6	10	4	1										21
Entero-colitis, acute				1	1		1	3				1	7	4		2	1										7
Entero-colitis, chronic	4	1		2	4		1		1				13	5	2	3	2						1				13
Gastric ulcer	2												2		2												2
Intussusception, intestinal		1		1									2	1	1												2
Gastritis, acute	3		1	2					1			2	9	3	2	4											9
Gastritis, chronic	2	1		2			1		4			2	12	2	3	5	1						1				12
Gastro-enteritis, acute	3				1	1	1				1	1	8	1	3	2	2										8
Gastro-enteritis, chronic	5		1		2				3		1		12	2	7		3										12
Hernia				1									1	1													1
Cirrhosis of liver	3			2						1			6		4		1						1				6
Inflammation of liver	3												3		3												3
Abscess of liver																											
Intestinal invagination																											
Peritonitis																											
Absorbent and glandular system:																											
Lymphadenoma										1			1								1						1
Urinary system:																											
Cystitic, chronic								1					1				1										1
Nephritis, acute		1						1					2				2										2
Uremia																											
Reproductive system:																											
Abortion								1					1				1										1
Childbirth, hemorrhage					1								1				1										1
Pelvic peritonitis, traumatic	1												1		1												1
Metritis, chronic																											
Fibroma of uterus																											
Osseous and integumentary system:																											
Gangrene, other than senile																											
Violence and accidents:																											
Poisoning (suicidal)		1											1										1				1
Homicide			1	1					1		1		4		4												4
Fracture of skull			2		1								3		2								1				3
Hanging, judicial execution											5		5		5												5
Drowning				1									1		1												1
Strangulation																											
Total	176	74	106	168	112	45	42	26	43	20	48	25	885	191	331	170	118	1	3		3		68				885

Summary of services rendered by municipal physicians during the month of March, 1901.

District.	Actual number of houses visited.	Actual number of families visited.	Number of sick prescribed for.	Number of deaths with medical assistance.	Number of deaths without medical assistance, viewed and inspected for certificates of death.	Total number of visits.
Manila (Walled City)	24	24	24	1	2	74
Binondo	6	6	6	2	27	6
San Nicolas	4	4	4	15	50	32
Tondo (north)	21	21	21	8	68	187
Tondo (south)	26	26	28	4	61	120
Santa Cruz	13	13	13	20	64	13
Quiapo	13	13	13	9	29	13
Sampaloc	14	12	14	5	35	14
Paco and Concepcion	38	38	38	13	29	89
Ermita and Malate	28	29	30	13	16	77
Pandacan	35	37	39	12	12	66
Total	222	223	230	102	393	691

Services rendered by the municipal midwives during the month of March, 1901.

District.	Name of midwife.	Number of cases attended.
Manila (Walled City)	Benita Miranda	6
Binondo	Juliana de los Santos	22
San Nicolas	Mamerta Mendez	14
Tondo	Basilia García	31
Santa Cruz and Quiapo	Filomena Rubin	27
San Miguel and Sampaloc	Basilia Lois	20
Paco and Concepcion	Francisca Manalaisay	10
Ermita and Malate	María Penida Enríquez	22
Total		152

Vaccine Institute.

[Saturnino Espejo, *Director*.]

Vaccine virus issued during month ending March 31, 1901.

	Units.
Army	9,200
Navy	12,200
Inhabitants of the Archipelago (excluding Manila)	132,000
Inhabitants of Manila	19,300
Total	172,700

Number of young carabaos used in preparation of virus, 11.

Number of vaccinations during the month of March, 1901, by districts.

District.	Children.	Adults.	Total.
Manila (Walled City)	155	2,581	2,736
Binondo	305	2,840	3,145
San Nicolas	156	639	795
Tondo	692	311	1,003
Santa Cruz	208	1,754	1,962
Quiapo	301	1,458	1,759
San Miguel	88	299	387
Sampaloc	385	237	622
Paco	665	1,530	2,195
Ermita	126	754	880
Malate	126	754	880
Total	3,207	13,157	16,364

Division of Inspection.

Number of inspections and reinspections	23,393
Number of complaints by citizens	25
Number of adverse reports made by inspectors	317
Number of notices served	414
Legal proceedings instituted for noncompliance with notice served	20
Number of permits issued to clean vaults, drains, etc	355
Number of houses in which rat poison was distributed (prevent spread of bubonic plague)	1,456
Houses disinfected	192
Premises cleaned	355

Deaths by nationalities.

Filipinos	810
Spaniards	5
American	1
German	1
Chinese	68
Total	885

Number of deaths with medical attendance	428
Number of deaths without medical attendance	457
Total	885

Veterinary Division.

[W. W. RICHARDS, V. S., *City Veterinarian;* JOHN G. SLEE, D. V. S., *Assistant City Veterinarian.*]

Number of cattle inspected	2,436
Number of hogs inspected	4,206
Number of carabaos inspected	31
Number of sheep inspected	4
Number of goats inspected	10
Number of deer inspected	1
Number of horses inspected	338
In Government slaughterhouse:	
Number of cattle slaughtered	1,495
Number of hogs slaughtered	4,563
Number of hogs condemned and cremated	47
Number of horses condemned for glanders	9

Burials, March, 1901.

Cemeteries:	
Loma (Government)	339
Paco General (Government)	26
Santa Cruz	13
Balic-balic	89
Binondo	24
Tondo	205
Maytubig	40
Malate	29
Pandacan	26
Chinese	73
Crematory	17
Santa Ana	2
San Pedro Macati	1
U. S. Morgue	1
Total	885

Disinterments, March, 1901.

Santa Cruz Cemetery	2
Paco Cemetery	4
Chinese Cemetery (for removal to China)	5
Total	11

Monthly statement from United States office of identification morgue, Manila, P. I., March, 1901.

Army and Navy.	Officers, Navy.	Officers, Army.	Soldiers.	Civilians.	Native employees.	Total.
Number of deaths in city of Manila	1	1	11	1		14
Number of bodies received from various posts in the Archipelago			10			10
Number of burials in the National Cemetery			3			3
Number of bodies embalmed and shipped to the United States	1	1	15	1		18
Number of remains disinterred in Manila (National Cemetery) for shipment to United States						
Number of remains now in morgue awaiting shipment			1	2		3

Crematories, March, 1901.

	Paco.	Santa Cruz.	Total.
Cartloads of refuse consumed	669	971	1,640
Carcasses of horses consumed	58	38	96
Carcasses of mules consumed	4	6	10
Carcasses of carabaos consumed	15	11	26
Carcasses of dogs consumed		503	503
Carcasses of fowls consumed	3	501	504
Carcasses of monkeys consumed			
Carcasses of cats consumed		58	58
Carcasses of rats consumed	2	674	676
Carcasses of pigs consumed	1	14	15
Carcasses of cows consumed	11		11

Statement of Bubonic Plague for month ending March 31 1901.

Number cases remaining from February, 1901:	
Filipinos	3
Chinese	5
Total	8
Number of new cases:	
Filipinos	14
Chinese	49
Total	63
Number deaths:	
Filipinos	11
Chinese	40
Total	51
Number discharged:	
Filipinos	2
Chinese	1
Total	3
Number remaining:	
Filipinos	4
Chinese	13
Total	17

Comparative Statement for Corresponding Period, March, 1900.

Number cases remaining from February, 1900:	
Filipinos	2
Chinese	10
Total	12
Number of new cases:	
Filipinos	12
Chinese	52
Total	64
Number deaths:	
Filipinos	10
Chinese	38
Total	48
Number discharged:	
Filipinos	2
Chinese	6
Total	8
Number remaining:	
Filipinos	2
Chinese	18
Total	20

Statement of Smallpox for month ending March 31, 1901.

Number cases remaining from February, 1901 (Filipinos)	4
Number of new cases:	
Filipinos	75
Chinese	2
Total	77
Number discharged (Filipinos)	58
Number remaining in Smallpox Hospital:	
Filipinos	21
Chinese	2
Total	23

Comparative Statement for Corresponding Period, March, 1900.

Number cases remaining from February, 1900:	
American	1
Filipinos	5
Spaniard	1
Total	7
Number of new cases:	
American	1
Filipinos	13
Total	14
Number deaths (American)	1
Number discharged:	
American	1
Filipinos	9
Spaniard	1
Total	11
Number remaining in Smallpox Hospital (Filipinos)	9

Comparative mortality from October 1, 1899, to March 31, 1901, with corresponding period of previous years—Based on estimated population of 300,000.

Month.	1899.		1900.		1901.	
	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.
October	1,184	47.36	961	38.44		
November	1,235	49.40	976	39.04		
December	1,162	46.48	905	36.20		
January			1,055	42.20	758	30.12
February			884	35.36	689	27.56
March			887	35.48	885	35.40

Summary of statistics of births and deaths.

Population (estimated)	300,000
Mortality for the month of March	885
Annual death rate per 1,000 for month of March	35.40
Births reported [1]	393
Annual birthrate (based on reports)	15.72
Annual death rate per 1,000 for year ending December 31, 1900	34.47

[1] Incomplete.

Meteorological Observations Deduced from Hourly Observations for Month of March, taken from "Observatorio Central de Manila."

Date.	Barometer,[1] mean.		Temperature. Mean.		Temperature. Maximum.		Temperature. Minimum.		Relative humidity, mean.	Wind. Prevailing direction.	Wind. Total daily motion.		Wind. Maximum— Force.		Wind. Maximum— Direction.	Sunshine.		Rainfall.	
	Inches.	*Mm.*	°*C.*	°*F.*	°*C.*	°*F.*	°*C.*	°*F.*	*Perct.*		*Km.*	*Miles.*	*Km.*	*Miles.*		*h.*	*m.*	*Inch.*	*Mm.*
1	30.000	761.97	24.7	76.5	30.0	86.0	18.2	64.7	68.6	E. and NE.	167	104	18	11	E.	6	50	------	------
2	29.995	61.84	24.7	76.5	29.0	84.2	17.7	63.9	73.1	WNW.	144	89	15	9	WSW.	6	00	------	------
3	29.966	61.13	25.8	78.4	30.4	86.7	21.7	71.0	75.0	Variable.	194	120	14	9	E.	7	30	------	------
4	29.993	61.80	24.7	76.5	27.8	82.1	21.0	69.8	70.3	E.	148	92	24	15	NE.	0	30	------	------
5	30.011	62.27	23.9	75.0	28.6	83.4	19.2	66.6	65.6	E.	258	160	23	14	E.	8	50	------	------
6	29.984	61.58	23.9	75.0	29.5	85.1	17.4	63.3	71.6	WNW.	192	119	20	12	NW.	8	35	------	------
7	29.979	61.45	25.2	77.4	31.7	89.0	18.5	65.3	70.4	ESE.	304	189	36	22	SE.	9	00	------	------
8	30.003	62.05	26.0	78.8	32.4	90.3	19.8	67.6	75.1	ESE.	213	132	22	14	E.	9	20	------	------
9	29.968	61.18	26.8	80.2	31.6	88.9	21.2	70.2	74.7	E. and W.	186	115	19	12	ENE.	9	15	------	------
10	29.957	60.91	25.5	77.9	27.3	81.1	22.1	71.7	83.5	SE. and ESE.	134	83	15	9	ESE.	0	00	------	------
11	29.946	60.62	27.4	81.3	33.8	92.8	21.4	70.6	76.7	ESE.	246	153	23	14	ESE.	9	40	------	------
12	29.972	61.27	27.0	80.6	31.8	89.2	21.8	71.3	72.9	E.	160	99	16	10	ENE.	3	10	------	------
13	30.004	62.08	27.0	80.6	30.8	87.5	23.8	74.8	70.7	E.	330	205	42	26	E.	7	00	------	------
14	30.004	62.11	26.9	80.4	32.2	90.0	22.1	71.8	67.5	E.	227	141	24	15	E.	9	30	------	------
15	29.996	61.87	27.2	81.0	32.9	91.3	22.2	72.0	70.8	ESE.	251	156	30	19	SSE.	9	20	------	------
16	29.969	61.20	26.9	80.4	32.7	90.8	23.1	73.6	71.5	SE.	310	193	32	20	SE.	7	40	------	------
17	29.947	60.64	26.0	78.8	32.9	91.3	19.1	66.4	69.3	SE. and ESE.	303	188	32	20	SE	10	15	------	------
18	29.971	61.26	26.1	79.0	32.7	90.8	19.0	66.2	69.7	SE.	349	217	34	21	SE.	10	15	------	------
19	30.001	61.99	27.1	80.8	33.4	92.1	21.6	70.8	66.9	SE.	324	201	28	17	SE.	9	00	------	------
20	30.016	62.41	27.1	80.8	33.2	91.7	21.3	70.3	67.4	ENE.	316	196	28	17	SE.	8	20	------	------
21	30.034	62.85	27.1	80.8	32.2	90.0	22.0	71.6	64.3	ESE.	348	216	31	9	E. by N.	9	55	------	------
22	30.005	62.12	26.4	79.5	32.8	91.0	20.0	68.0	65.6	E.	316	196	34	21	E.	8	30	------	------
23	29.980	61.48	26.3	79.3	32.9	91.2	19.3	66.8	70.8	SE.	260	162	19	12	SE.	10	50	------	------
24	29.964	61.08	27.3	81.1	32.3	90.1	21.9	71.5	68.7	WSW.	216	134	20	12	SSE.	9	45	------	------
25	29.949	60.70	27.6	81.7	34.3	93.7	19.9	67.9	63.0	ESE.	242	150	22	14	ESE.	8	45	------	------
26	29.929	61.17	28.5	73.3	34.5	94.1	24.4	76.0	71.4	SE.	204	127	19	12	SE.	3	20	------	------
27	29.920	59.95	28.3	82.9	32.3	90.1	23.9	75.0	78.2	SE. and SW.	210	130	20	12	SW.	8	30	------	------
28	29.919	59.92	29.1	84.4	35.6	96.0	23.7	74.6	74.3	W.	228	142	19	12	SW.	9	45	------	------
29	29.941	60.51	28.6	83.5	32.2	89.9	24.4	76.0	77.7	Variable.	214	133	22	14	W.	5	20	------	------
30	29.946	60.62	27.9	82.2	32.8	91.0	22.6	72.7	73.0	E.	292	181	28	17	E.	9	50	0.142	3.6
31	29.965	61.10	27.3	81.1	30.8	87.5	22.7	72.9	74.2	E.	196	122	18	11	ESE.	7	00	0.492	12.5
Mean	29.975	61.86	26.6	79.9	31.9	89.3	21.2	70.2	71.4	------	241.4	149.8	24.1	14.9	------	7	47	------	------
Total	------	------	------	------	------	------	------	------	------	------	7,482	4,645	------	------	------	241	30	0.634	16.1

[1] Corrected for instrumental error and for temperature and reduced to sea level. Correction to standard gravity, —1.72 mm. (—0.068 inch).

GENERAL LIBRARY,
UNIV. OF MICH.
AUG 30 1905

REPORT OF VITAL STATISTICS.

HEADQUARTERS PROVOST-MARSHAL-GENERAL.

BOARD OF HEALTH

MANILA, PHILIPPINE ISLANDS.

APRIL, 1901.

MEMBERS OF THE BOARD.

FRANKLIN A. MEACHAM, Major and Surgeon, United States Volunteers, *President.*
GEORGE W. MATHEWS, Major and Surgeon, United States Volunteers, *Registrar of Vital Statistics.*
CHARLES LYNCH, Major and Surgeon, United States Volunteers, *Secretary.*
WILLIAM J. CALVERT, First Lieutenant and Assistant Surgeon, United States Army, *Bacteriologist.*
HARRY L. GILCHRIST, First Lieutenant and Assistant Surgeon, United States Army, *Chief of Sanitary Corps.*
JOHN T. HALSELL, Acting Assistant Surgeon, United States Army, *Member.*
T. H. PARDO DE TAVERA, M. D., *Honorary Member.*
JUAN MICIANO, M. D., *Honorary Member.*

MUNICIPAL PHYSICIANS AND DISTRICTS.

Dr. LUIS CABALLERO, *Chief.*

Dr. GABRIEL GARCIA AGEO, *Manila (Walled City).*
Dr. CANDIDO MORA, *Ermita and Malate.*
Dr. ENRIQUE AGUILAR, *Paco.*
Dr. FRANCISCO CASTAÑEDA, *Sampaloc and San Miguel.*
Dr. VALERIANO PANTOJA, *Quiapo.*
Dr. MANUEL GOMEZ, *Santa Cruz.*
Dr. MARCELO ELORIAGA, *San Nicolas.*
Dr. S. V. DEL ROSARIO, *Binondo.*
Dr. CANUTO REYES, *Tondo (north).*
Dr. VICENTE CAVANNA, *Tondo (south).*
Dr. FRANCISCO ROSARIO, *Pandacan.*

MANILA:
BUREAU OF PUBLIC PRINTING.
1904.

19000

CAUSES OF DEATH FOR MONTH OF APRIL, 1901 (INCLUDING STILLBIRTHS).

DISEASES.	By Districts.													Race, Sex, and Age.												
														Malay.				White.				Mongolian.				
														M.		F.		M.		F.		M.		F.		
	Manila (Walled City).	Binondo.	San Nicolas.	Tondo.	Santa Cruz.	Quiapo.	Sampaloc.	San Miguel.	Paco.	Ermita.	Malate.	Pandacan.	Total.	Under 5 years of age.	Over 5 years of age.	Under 5 years of age.	Over 5 years of age.	Under 5 years of age.	Over 5 years of age.	Under 5 years of age.	Over 5 years of age.	Under 5 years of age.	Over 5 years of age.	Under 5 years of age.	Over 5 years of age.	Total.
General diseases.																										
Specific febrile:																										
Meningitis, cerebro-spinal																										
Gastro, entero-colitis																										
Bubonic plague	2	31	27	27	2	1	1						91		18		14						58		1	91
Influenza	3				7								10	5	3	1	1									10
Malarial fever																										
Intermittent	1				1	2						1	5	1	2		2									5
Remittent	1		1	2		1	1		3	1	1		11	1	7		3									11
Continued	3				4								7	1	3		3									7
Pernicious	8	1	1		1			1		1	2		15		9	1	3						2			15
Cachexia	1						1		1				3		3											3
Typhoid fever	5			2									7		6		1									7
Diarrheal:																										
Cholera infantum																										
Diarrhea, acute		1	3		2								6	1		1	1						3			6
Dysentery, acute	1		1	3		1	2		1	1	1		11	1	4	2	3		1							11
Dysentery, chronic	2	1			1			1				1	6	1	2		1		1				1			6
Diarrhea, chronic		2											2										2			2
Zoögenous—anthrax						1							1		1											1
Venereal—syphilis, acquired	1												1		1											1
Septic:																										
Puerperal septicæmia								1					1				1									1
Trismus neonatorum					6	3			2				11	7		4										11
Tetanus	3			1									4		3		1									4
Dietetic:																										
Malnutrition	2		1		2	2	2	1					10	5	2	3										10
Inanition	1							1					2	1		1										2
Constitutional:																										
Anæmia	3									1			4		2		2									4
Beri-beri	39	4	4		2	4	2	2	2	1	15	4	79		68		5						6			79
Carcinoma	1					1							2		1		1									2
Leucocythemia								1					1				1									1
Rheumatism					1		2	2		1			6		5		1									6
Tuberculosis, meningeal				2									2	1	1											2
Tuberculosis, miliary								1					1		1											1
Tuberculosis, pulmonary	22	8	11	13	10	6	4	1	4	3	1	1	84		45		30						8		1	84
Rickets	2	1				1			1				5	2	2	1										5
Developmental:																										
Cardiac malformation					1		1		1				3	3												3
Marasmus, infantile				1	1			1					3			3										3
Marasmus, senile	2	2			1	1		1					7		2		4		1							7
Stillbirths	2	3		2	1		1	2		3			14	8		6										14
Senility				2									2				2									2
Spina-bifida									1				1	1												1
Imperforate anus												1	1	1												1
Local diseases.																										
Nervous system:																										
Alcoholism, chronic									1				1				1									1
Apoplexy, cerebral			1	2		1		1					5	2	1		2									5
Cerebral congestion		2	1	2		1	1	1					8	2	4		2									8
Convulsions, infantile	6	20	29	50	18	11	15	3	3	9	4	3	166	85		81										166
Chorea	1												1		1											1
Encephalitis						1							1		1											1
Hydrocephalus				1									1		1											1
Meningitis, cerebral	1	1	2	3	3	1	1	1	2	3	2		20	11	1	5	3									20
Meningitis, spinal	1												1		1											1
Myelitis																										
Eclampsia (not puerperal)																										
Neurasthenia																										
Circulatory system:																										
Angina pectoris	3	1		1	1								6		2		4									6
Arterio-sclerosis																										
Blood vessels, arterio-sclerosis				5									5		2		3									5
Embolism, pulmonary		1											1				1									1
Endocarditis	8		1	2								1	12		10		2									12
Fatty degeneration of heart	2						1						3		3											3
Hypertrophy of heart	3												3		2		1									3
Valvular disease of heart	4	1	1										6		4		2									6
Myocarditis	1												1		1											1
Pericarditis	2												2		2											2
Insufficiency, mitral																										
Respiratory system:																										
Asthma	1	2	1		1		1						6		3		1						2			6
Bronchitis, acute	1	1	4	13	4	3	2	1	5	2	1		37	22	1	13	1									37
Bronchitis, chronic		1		8	3		2		2			1	17	3	7	3	4									17
Laryngitis, acute							4		4				8	4		4										8
Laryngitis, chronic	2						1	1					4	1	1	1	1									4
Pharyngitis, chronic																										
Pleurisy	3			1									4		3				1							4
Pneumonia	1												1		1											1
Pulmonary congestion	1				3								4	3	1											4
Pulmonary hemorrhage		1		1									2		1		1									2
Digestive system																										
Appendicitis	1												1		1											1
Enteritis, caute	4	1		3	1		1	1				1	12	3	2	6	1									12

CAUSES OF DEATH FOR MONTH OF APRIL, 1901—Continued.

DISEASES.	By Districts.													Race, Sex, and Age.												
														Malay.				White.				Mongolian.				
														M.		F.		M.		F.		M.		F.		
	Manila (Walled City).	Binondo.	San Nicolas.	Tondo.	Santa Cruz.	Quiapo.	Sampaloc.	San Miguel.	Paco	Ermita.	Malate.	Pandacan.	Total.	Under 5 years of age.	Over 5 years of age.	Under 5 years of age.	Over 5 years of age.	Under 5 years of age.	Over 5 years of age.	Under 5 years of age.	Over 5 years of age.	Under 5 years of age.	Over 5 years of age.	Under 5 years of age.	Over 5 years of age.	Total.
Local diseases—Continued.																										
Digestive system—Continued.																										
Enteritis, chronic	8		1	9	1		3						22	8	6	6	2									22
Entero-colitis, acute	1	1		1		4							7	3	1	1	2									7
Entero-colitis, chronic	2	2		4	3		4		1				16	9	3	2	2									16
Gastric ulcer	1												1		1											1
Intussusception, intestinal				1	1								2		1		1									2
Gastritis, acute	5			1	1								7	1	5		1									7
Gastritis, chronic	1					1	1		3			1	7	2	2	1	2									7
Gastro-enteritis, acute	1	1	2	1	2		1			2	1	1	12	3	3	4	2									12
Gastro-enteritis, chronic	5		1			1			1			1	9	2	6		1									9
Inflammation, intestinal											1		1				1									1
Cirrhosis of liver	2	1	1	1						1			6		3		2						1			6
Inflammation of liver	2					1		1					4		4											4
Abscess of liver																										
Intestinal invagination																										
Perforation, intestinal	1												1		1											1
Urinary system:																										
Cystitis, acute	1					1							2		1		1									2
Cystitis, chronic	1												1						1							1
Nephritis, acute																										
Nephritis, chronic	2	1											3		2		1									3
Uræmia				1									1	1												1
Reproductive system:																										
Abortion			2							1			3	3												3
Childbirth, hemorrhage		2		1									3				3									3
Childbirth, eclampsia		1											1				1									1
Right tubal pregnancy				1									1				1									1
Fibroma of uterus																										
Violence and accidents:																										
Burning	2												2		1					1						2
Homicide	1			2									3		1		1						1			3
Fracture of skull	1								1				2		1				1							2
Hanging, judicial execution																										
Drowning		1	1							1	1		4		4											4
No diagnosis	1	2		2									5		3		2									5
Exhaustion	1												1					1								1
Accident					1								1		1											1
Total	190	98	97	172	81	50	55	26	39	31	30	17	886	208	298	150	136	1	6	1			84		2	886

Summary of services rendered by municipal physicians during the month of April, 1901.

District.	Actual number of houses visited.	Actual number of families visited.	Number of sick prescribed for.	Number of deaths with medical assistance.	Number of deaths without medical attendance, viewed and inspected for certificates of death.	Total number of visits.
Manila (Walled City)	18	22	22	8	6	82
Binondo	2	2	2	2	24	2
San Nicolas	6	6	6	3	51	49
Tondo (north)	21	21	21	4	64	227
Tondo (south)	30	30	30	3	63	119
Santa Cruz	11	12	12	11	49	12
Quiapo	7	7	9	7	45	13
Sampaloc	14	17	19	14	40	19
Paco and Concepcion	25	25	25	15	18	82
Ermita and Malate	36	34	36	18	18	96
Pandacan	36	36	39	10	8	142
Total	206	212	221	95	386	843

Services rendered by the municipal midwives during the month of April, 1901.

District.	Name of midwife.	Number of cases attended.
Manila (Walled City)	Benita Miranda	6
Binondo	Juliana de los Santos	21
San Nicolas	Mamerta Mendez	24
Tondo	Basilia Garcia	27
Santa Cruz and Quiapo	Filomena Rubin	35
San Miguel and Sampaloc	Basilia Lois	20
Paco and Concepcion	Francisca Manalaisay	27
Ermita and Malate	Maria Pineda Enriquez	20
Total		180

Vaccine Institute.

[Saturnino Espejo, *Director*.]

Vaccine virus issued during month ending April 30, 1901.

	Units.
Army	22,400
Navy	3,800
Inhabitants of the Archipelago (excluding Manila)	119,500
Inhabitants of Manila	15,400
Board of Health	8,200
Total	169,300

Number of young carabaos used in preparation of virus, 12.

Number of vaccinations during the month of April, 1901, by districts.

District.	Children.	Adults.	Total.
Manila (Walled City)	142	682	824
Binondo	304	1,038	1,342
San Nicolas	214	606	820
Tondo	466	872	1,338
Santa Cruz	266	641	907
Quiapo	244	774	1,018
San Miguel	310	463	773
Sampaloc	304	464	768
Paco	2,556	440	2,996
Ermita	165	631	796
Malate	59	102	161
Boats in the Pasig River	78	629	707
Pandacan	382	757	1,139
Pineda	616	613	1,229
Santa Ana	128	439	567
Total	6,234	9,151	15,385

Division of Inspection.

Number of inspections and reinspections	15,901
Number of complaints by citizens	21
Number of adverse reports made by inspectors	876
Number of notices served	308
Number of permits issued to clean vaults, drains, etc	360
Houses disinfected	146
Premises cleaned	351

Deaths by nationalities.

	Population.	No. Deaths.	Rate per 1,000.
Filipino	181,361	793	53.19
Chinese	51,567	85	20.05
American and foreign	11,804	8	8.24
Total	244,732	886	

Number of deaths with medical attendance	433
Number of deaths without medical attendance	453
Total	886

Veterinary Division.

[W. W. RICHARDS, V. S., *City Veterinarian;* JOHN G. SLEE, D. V. S., *Assistant City Veterinarian.*]

Number of cattle inspected	1,640
Number of hogs inspected	4,108
Number of carabaos inspected	83
Number of sheep inspected	1
Number of goats inspected	44
Number of deer inspected	5
Number of horses inspected	354
In Government slaughterhouse:	
Number of cattle slaughtered	2,013
Number of hogs slaughtered	4,459
Number of cattle condemned and cremated	8
Number of hogs condemned and cremated	40
Number of horses condemned for glanders	6

Burials, April, 1901.

Cemeteries:	
Loma (Government)	318
Paco General (Government)	27
Santa Cruz	7
Balic-balic	94
Binondo	17
Tondo	191
Maytubig	44
Malate	29
Pandacan	18
Chinese	96
Crematory	40
Santa Ana	3
American National Cemetery	2
Total	886

Disinterments, April, 1901.

Binondo Cemetery	1
Paco Cemetery	4
Chinese Cemetery (for removal to China)	22
Malate Cemetery	2
Total	28

Monthly statement from United States office of identification morgue, Manila, P. I., April, 1901.

Army and Navy.	Officers, Navy.	Officers, Army.	Soldiers.	Civilians.	Native employees.	Total.
Number of deaths in city of Manila		1	9	11		21
Number of bodies received from various posts in the Archipelago	1	2	10			13
Number of burials in the National Cemetery			3	8		11
Number of bodies embalmed and shipped to the United States	1	2	15	2		20
Number of bodies in United States morgue awaiting shipment to the United States		1	1			2
Number of remains now in morgue awaiting shipment						

Crematories, April, 1901.

	Paco.	Santa Cruz.	Total.
Cartloads of refuse consumed	650	982	1,632
Carcasses of horses consumed	55	40	95
Carcasses of mules consumed	4	78	82
Carcasses of carabaos consumed	14	52	66
Carcasses of dogs consumed	2	484	486
Carcasses of fowls consumed	1	437	438
Carcasses of ducks consumed		19	19
Carcasses of cats consumed	2	50	52
Carcasses of rats consumed	1	563	564
Carcasses of pigs consumed		3	3
Carcasses of cows consumed	5	21	26

Statement of Bubonic Plague for month ending April 30, 1901.

Number cases remaining from March, 1901:	
Filipinos	4
Chinese	13
Total	17
Number of new cases:	
Filipinos	38
Chinese	73
Total	111
Number deaths:	
Filipinos	31
Chinese	60
Total	91
Number discharged:	
Filipinos	4
Chinese	10
Total	14
Number remaining:	
Filipinos	7
Chinese	16
Total	23

Comparative Statement for Corresponding Period, April, 1900.

Number cases remaining from March, 1900:	
Filipinos	2
Chinese	18
Total	20
Number of new cases:	
Filipinos	11
Chinese	43
Total	54
Number of deaths:	
Filipinos	8
Chinese	36
Total	44
Number discharged:	
Filipinos	2
Chinese	14
Total	16
Number remaining:	
Filipinos	3
Chinese	11
Total	14

Statement of Smallpox for month ending April 30, 1901.

Number cases remaining from March, 1901:	
Filipinos	21
Chinese	2
Total	23
Number of new cases (Filipinos)	18
Number discharged:	
Filipinos	27
Chinese	2
Total	29
Number remaining in Smallpox Hospital (Filipinos)	12

Comparative Statement for Corresponding Period, April, 1900.

Number cases remaining from March, 1900 (Filipinos)	9
Number of new cases (Filipinos)	18
Number discharged (Filipinos)	20
Number remaining in Smallpox Hospital (Filipinos)	7

Comparative mortality from October 1, 1899, to April 30, 1901, with corresponding period of previous years—Based on estimated population of 244,732.

Month.	1899.		1900.		1901.	
	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.
October	1,184	57.08	961	46.28		
November	1,235	61.39	976	48.48		
December	1,162	55.90	905	43.54		
January			1,055	50.65	753	36.22
February			884	47.08	689	36.69
March			887	42.67	885	42.67
April			805	40.02	886	44.04

Summary of statistics of births and deaths.

Population (Health Department's census), January 1, 1901	244,732
Mortality for the month of April	886
Annual death rate per 1,000 for month of April	44.04
Births reported [1]	353
Annual birthrate (based on reports)	17.75

[1] Incomplete.

Meteorological Data Deduced from Hourly Observations for Month of April, taken from the Manila Central Observatory.

Date.	Barometer,[1] mean.		Temperature. Mean.		Temperature. Maximum.		Temperature. Minimum.		Relative humidity, mean.	Wind. Prevailing direction.	Wind. Total daily motion.		Wind. Maximum— Force.		Wind. Maximum— Direction.	Sunshine.		Rainfall.	
	Inches.	*Mm.*	°*C.*	°*F.*	°*C.*	°*F.*	°*C.*	°*F.*	*Per ct.*		*Km.*	*Miles.*	*Km.*	*Miles.*		*h.*	*m.*	*Inch.*	*Mm.*
1	29.981	761.51	27.0	80.6	31.0	87.8	22.6	72.7	73.3	E.	294	183	30	19	ENE.	5	40	0.098	2.5
2	29.972	61.28	27.4	81.3	32.7	90.8	22.1	71.8	70.7	E.	314	195	33	20	ESE.	8	30	0.028	0.7
3	29.975	61.34	27.4	81.3	31.9	89.5	22.5	72.5	75.5	ESE.	189	117	15	9	NW.	3	50	------	------
4	29.972	61.28	28.1	82.6	34.0	93.2	22.6	72.7	71.1	ESE.	308	191	30	19	SE.	10	15	------	------
5	29.968	61.17	27.1	80.8	31.6	88.8	21.5	70.7	71.7	ESE.	220	137	22	14	ESE.	6	15	------	------
6	29.911	59.73	27.3	81.1	33.7	92.7	20.2	68.3	69.0	SE.	322	200	31	19	SE.	11	00	------	------
7	29.910	59.70	27.8	82.0	34.6	94.2	20.3	68.5	70.1	SE.	302	188	26	16	SE.	11	15	------	------
8	29.904	59.55	28.2	82.8	34.6	94.2	22.7	72.9	67.0	ESE.	333	207	36	22	ESE.	8	00	------	------
9	29.886	59.11	28.0	82.4	34.6	94.2	19.9	67.9	66.8	SE.	299	186	28	18	SE.	11	00	------	------
10	29.889	59.17	28.8	83.8	33.6	92.4	22.3	72.1	73.4	WNW.	246	153	18	11	WNW.	11	20	------	------
11	29.901	50.47	28.6	83.5	32.3	90.1	24.2	75.6	73.1	ESE.	205	127	19	12	WNW.	7	25	------	------
12	29.906	59.59	28.5	83.3	34.8	94.6	22.6	72.7	66.7	SE.	318	198	35	22	SE.	10	55	------	------
13	29.898	59.39	28.2	82.8	33.8	92.8	21.6	70.8	68.9	SE.	316	196	24	15	ESE.	8	45	------	------
14	29.852	58.23	29.4	84.9	35.7	96.2	23.7	74.7	66.6	SE.	408	254	34	21	SE.	11	00	------	------
15	29.875	58.80	28.9	84.0	35.1	95.2	21.9	71.4	67.9	SE.	314	195	29	18	SE.	11	00	------	------
16	29.900	59.45	28.5	83.3	33.8	92.8	23.1	73.6	64.1	SE.	356	221	36	22	SE.	8	10	------	------
17	29.881	58.98	27.8	82.0	33.9	93.1	21.1	70.0	63.2	ESE.	368	229	38	24	SE.	11	10	------	------
18	29.840	57.92	28.7	83.7	35.4	95.8	22.0	71.6	61.6	SE.	358	222	26	16	SE.	10	00	------	------
19	29.821	57.45	29.3	84.7	35.8	96.5	22.1	71.8	67.6	SE.	316	196	29	18	SE.	11	10	------	------
20	29.844	58.02	29.8	85.6	36.5	97.7	23.4	74.2	68.3	SE.	288	179	32	20	SE.	10	15	------	------
21	29.876	58.83	28.8	83.8	35.1	95.2	22.3	72.1	60.6	SE.	370	230	34	21	SE.	9	45	------	------
22	29.887	59.13	29.1	84.4	35.4	95.8	22.1	71.8	67.6	SE.	356	221	32	20	SE.	10	40	------	------
23	29.865	58.56	30.1	86.2	36.3	97.3	24.9	76.9	65.0	SE.	380	236	36	22	SE.	10	50	------	------
24	29.835	57.80	28.9	84.0	35.8	96.5	21.4	70.5	63.5	SE.	370	230	30	19	SE.	11	30	------	------
25	29.836	57.82	29.6	85.3	36.2	97.2	22.4	72.4	62.8	SE.	312	194	27	17	ESE.	11	30	------	------
26	29.895	59.32	29.5	85.1	36.3	97.3	22.7	72.9	62.4	SE.	380	236	33	20	SE.	10	40	------	------
27	29.926	60.10	28.9	84.0	34.7	94.5	24.7	76.5	65.8	E.	268	166	28	18	E.	9	00	------	------
28	29.926	60.11	26.0	78.8	29.6	85.3	22.6	72.7	86.6	NE.	209	130	24	15	NW.	1	10	0.354	9.0
29	29.922	60.01	28.0	82.4	33.5	92.3	22.1	71.8	75.0	NE.	276	172	28	18	SE. by E.	8	40	------	------
30	29.934	60.31	29.1	84.4	35.6	96.1	22.1	71.8	67.4	SE.	352	219	34	21	SE.	11	15	------	------
Mean	29.900	59.44	28.4	83.2	34.3	93.7	22.3	72.2	68.4	------	311.6	193.6	29.2	18.2	------	9	24	------	------
Total	------	------	------	------	------	------	------	------	------	------	9,347	5,808	------	------	------	281	55	0.480	12.2

[1] Corrected for instrumental error and for temperature and reduced to sea level. Correction to standard gravity, —1.72 mm. (—0.068 inch).

GENERAL LIBRARY,
UNIV. OF MICH.
AUG 30 1905

REPORT OF VITAL STATISTICS.

HEADQUARTERS PROVOST-MARSHAL-GENERAL.

BOARD OF HEALTH

MANILA, PHILIPPINE ISLANDS.

MAY, 1901.

MEMBERS OF THE BOARD.

FRANKLIN A. MEACHAM, Major and Surgeon, United States Volunteers, *President.*
CHARLES LYNCH, Major and Surgeon, United States Volunteers, *Secretary.*
WILLIAM J. CALVERT, First Lieutenant and Assistant Surgeon, United States Army, *Bacteriologist.*
HARRY L. GILCHRIST, First Lieutenant and Assistant Surgeon, United States Army, *Chief of Sanitary Corps.*
JOHN T. HALSELL, Acting Assistant Surgeon, United States Army, *Registrar of Vital Statistics.*
EDWARD A. SOUTHALL Acting Assistant Surgeon, United States Army, *Hospitals, Contagious Diseases.*
T. H. PARDO DE TAVERA, M. D., *Honorary Member.*
JUAN MICIANO, M. D., *Honorary Member.*

MUNICIPAL PHYSICIANS AND DISTRICTS.

Dr. LUIS CABALLERO, *Chief.*

Dr. GABRIEL GARCIA AGEO, *Manila (Walled City).*
Dr. CANDIDO MORA, *Ermita and Malate.*
Dr. ENRIQUE AGUILAR, *Paco.*
Dr. FRANCISCO CASTAÑEDA, *Sampaloc and San Miguel.*
Dr. VALERIANO PANTOJA, *Quiapo.*
Dr. MANUEL GOMEZ, *Santa Cruz.*
Dr. MARCELO ELORIAGA, *San Nicolas.*
Dr. S. V. DEL ROSARIO, *Binondo.*
Dr. CANUTO REYES, *Tondo (north).*
Dr. VICENTE CAVANNA, *Tondo (south).*
Dr. FRANCISCO ROSARIO, *Pandacan.*

MANILA:
BUREAU OF PUBLIC PRINTING.
1904.

18999

CAUSES OF DEATH FOR MONTH OF MAY, 1901 (INCLUDING STILLBIRTHS).

DISEASES.	By Districts.													Race, Sex, and Age.												
														Malay.				White.				Mongolian.				
														M.		F.		M.		F.		M.		F.		
	Manila (Walled City).	Binondo.	San Nicolas.	Tondo.	Santa Cruz.	Quiapo.	Sampaloc.	San Miguel.	Paco.	Ermita.	Malate.	Pandacan.	Total.	Under 5 years of age.	Over 5 years of age.	Under 5 years of age.	Over 5 years of age.	Under 5 years of age.	Over 5 years of age.	Under 5 years of age.	Over 5 years of age.	Under 5 years of age.	Over 5 years of age.	Under 5 years of age.	Over 5 years of age.	Total.
General diseases.																										
Specific febrile:																										
Bubonic plague		35	52	26	9		2						124		21		14					1	87		1	124
Meningitis, cerebro-spinal	1				11								1	1												1
Influenza													11	6		5										11
Malarial fever																										
Intermittent				2	2	1			1				6	1	4	1										6
Remittent				1							1		2		2											2
Continued	1	1	1	1	1								5	5												5
Pernicious	1	3		1		1							6		2		2						2			6
Cachexia																										
Typhoid fever	1	1	1	1						3			7		4		1						2			7
Diarrheal:																										
Cholera infantum					1								1	1												1
Diarrhea, acute																										
Diarrhea, chronic		3		1									4										4			4
Dysentery, acute	1	1											2		1								1			2
Dysentery, chronic	1	6	2	1	3					1		1	15		1		2						12			15
Venereal:																										
Syphilis, acquired				1									1		1											1
Syphilis congenital				1		1							2		1								1			2
Septic:																										
Puerperal septicæmia		1			2	1			1				5				4								1	5
Septicæmia					1								1		1											1
Tetanus	1												1		1											1
Trismus neonatorum					6	5							11	6		5										11
Dietetic:																										
Malnutrition	3		2		6	2	5	1					19	12		7										19
Inanition								1					1	1												1
Constitutional:																										
Anæmia	1							1					2				2									2
Beri-beri	36	6	5	2	4		1	1	2		2	1	60		40		8						12			60
Carcinoma			1	1		1							3				3									3
Diabetes	1												1		1											1
Leucocythemia	1												1		1											1
Leprosy					4								4		3		1									4
Rheumatism	2		1			1					2		6		4		1						1			6
Tuberculosis, pulmonary	25	12	14	12	7	3	8	4	3	4	3	1	96		52		30						14			96
Tuberculosis, laryngeal											1		1		1											1
Tuberculosis, meningeal																										
Rickets																										
Developmental:																										
Cardiac malformation							2		1				3	2		1										3
Marasmus, infantile	1	1		3									5	4		1										5
Marasmus, senile		2			2	1							5				5									5
Stillbirths						1	1			1			3	1		1		1								3
Senility			1	3	1		3		1		1		10		6		4									10
Spina-bifida																										
Local diseases.																										
Nervous system:																										
Apoplexy, cerebral	1		3				2					3	9	1	3	2	3									9
Cerebral congestion	3	4		2	1		2	1	2				15	2	4	1	3		2				3			15
Convulsions, infantile	2	19	30	52	13	9	9	6	4	9	9	4	166	94		72										166
Encephalitis	1												1			1										1
Chorea							1																			
Hydrocephalus													1	1												1
Meningitis, cerebral	3	1	3	10	5	1			1	2	3		29	19	3	7										29
Paralysis				1									1		1											1
Meningitis, spinal																										
Myelitis																										
Eclampsia (not puerperal)																										
Neurasthenia																										
Circulatory system:																										
Angina pectoris		1	1	2	1	1	1	1		1			9		5		4									9
Blood vessels, arterio-sclerosis				4									4		2		2									4
Embolism, pulmonary				2									2		1		1									2
Endocarditis	7			3									10		7		3									10
Pericarditis			1	2									3		2		1									3
Fatty degeneration		1											1		1											1
Aneurism of aorta						1							1				1									1
Valvular disease of heart	3	1	1	2									7		2		4						1			7
Respiratory system:																										
Asthma	1		1		1						1		4		3								1			4
Bronchitis, acute	5		6	9	4	1	5	2	5				37	21		14	1			1						37
Bronchitis, chronic		1	1	2	1	1	2		5	1			14	2	6	1	4				1					14
Croup, catarrhal					3								3	2		1										3
Laryngitis, acute							4						4	2		2										4
Laryngitis, chronic							3				1		4	2		1	1									4
Pharyngitis, chronic			1										1				1									1
Pleurisy																										
Pneumonia																										
Pulmonary congestion	3				4								7	2	1	1	3									7
Pulmonary hemorrhage				1						1			2		2											2
Digestive system:																										
Appendicitis						1							1		1											1
Enteritis, acute			1	1		5	2	1	1		1		12	5	2	5										12

CAUSES OF DEATH FOR MONTH OF MAY, 1901—Continued.

DISEASES.	By Districts.													Race, Sex, and Age.												
														Malay.				White.				Mongolian.				
														M.		F.		M.		F.		M.		F.		
	Manila (Walled City).	Binondo.	San Nicolas.	Tondo.	Santa Cruz.	Quiapo.	Sampaloc.	San Miguel.	Paco.	Ermita.	Malate.	Pandacan.	Total.	Under 5 years of age.	Over 5 years of age.	Under 5 years of age.	Over 5 years of age.	Under 5 years of age.	Over 5 years of age.	Under 5 years of age.	Over 5 years of age.	Under 5 years of age.	Over 5 years of age.	Under 5 years of age.	Over 5 years of age.	Total.
Local diseases—Continued.																										
Digestive system—Continued.																										
Enteritis, chronic	2			7	1								10		3	4	3									10
Entero-colitis, acute		1	2	2		6		1					12	7	4								1			12
Entero-colitis, chronic			1	7	6				3				17	4	4	3	5						1			17
Gastric ulcer						1							1				1									1
Intussusception, intestinal																										
Gastritis, acute	3				2				1	1		3	10	4	3	2	1									10
Gastritis, chronic	2			1			3						6		3		3									6
Gastro-enteritis, acute			7	5	2				1	1	2		18	3	5	4	4						2			18
Gastro-enteritis, chronic	2			1								1	4		2		2									4
Inflammation, intestinal																										
Cirrhosis of liver	1				1		2						4		3		1									4
Inflammation of liver	1					1							2		2											2
Sprue					1								1		1											1
Intestinal invagination																										
Urinary system:																										
Cystitis, acute			1					1					2		1								1			2
Cystitis, chronic					1								1		1											1
Nephritis, acute						1							1				1									1
Nephritis, chronic	1					1							2		1		1									2
Uræmia	1												1		1											1
Reproductive system:																										
Abortion							1						1				1									1
Childbirth, eclampsia									1				1				1									1
Childbirth, hemorrhage			1										1				1									1
Childbirth, asphyxiation	1			1	1		1			1	1		6			6										6
Peritonitis, puerperal			1	1	1								3				2								1	3
Metritis					1							1	2				2									2
Violence and accidents:																										
Drowning	1		2										3		2								1			3
Homicide	2												2	1									1			2
Falls			1							1			2		2											2
Asphyxiation			2										2						2							2
Crushing	2												2		2											2
Hanging						1							1		1											1
Shock traumatic	1						1						2		2											2
No diagnosis		6	3	1									10										10			10
Total	126	107	150	176	111	48	61	21	33	27	28	15	903	212	236	148	138	1	4	1	1	1	158		3	908

Summary of services rendered by municipal physicians during the month of May, 1901.

District.	Actual number of houses visited.	Actual number of families visited.	Number of sick prescribed for.	Number of deaths with medical attendance.	Number of deaths without medical attendance, viewed and inspected for certificates of death.	Total number of visits.
Manila (Walled City)	17	21	21	5	10	85
Binondo	3	3	3	4	14	3
San Nicolas	4	5	5	14	44	38
Tondo (north)	25	25	25	6	49	182
Tondo (south)	27	27	28	1	57	138
Santa Cruz	13	13	13	10	62	13
Quiapo	7	7	10	9	52	16
Sampaloc	18	18	28	10	39	39
Paco and Concepcion	38	38	38	20	9	118
Ermita and Malate	29	30	30	14	31	79
Pandacan	37	37	38	5	12	116
Total	218	224	239	98	379	827

Services rendered by the municipal midwives during the month of May, 1901.

District.	Name of midwife.	Number of cases attended.
Manila (Walled City)	Benita Miranda	8
Binondo	Juliana de los Santos	34
San Nicolas	Mamerta Mendez	18
Tondo	Basilia Garcia	30
Santa Cruz and Quiapo	Filomena Rubin	20
San Miguel and Sampaloc	Basilia Lois	17
Paco and Concepcion	Francisca Manalaisay	7
Ermita and Malate	Maria Penida Enriquez	20
Total		144

Vaccine Institute.

[Saturnino Espejo, *Director*.]

Vaccine virus issued during month ending May 31, 1901.

	Units.
Army	11,400
Navy	11,300
Inhabitants of the Archipelago (excluding Manila)	95,600
Inhabitants of Manila	8,000
Board of Health	2,400
Total	128,700

Number of young carabaos used in preparation of virus, 10.

Number of vaccinations during the month of May, 1901, by districts.

District.	Children.	Adults.	Total.
Manila (Walled City)	248	404	652
Binondo	444	1,628	2,072
San Nicolas	202	624	826
Tondo	313	394	707
Santa Cruz	248	445	693
Quiapo	250	432	682
San Miguel	305	264	569
Sampaloc	202	439	641
Paco	275	249	524
Ermita	159	283	442
Malate	59	133	192
Total	2,705	5,295	8,000

Division of Inspection.

Number of inspections and reinspections	31,135
Number of complaints by citizens	27
Number of adverse reports made by inspectors	3,655
Number of notices served	608
Number of permits issued to clean vaults, drains, etc	370
Houses disinfected	136
Premises cleaned	338
Legal proceedings instituted for noncompliance with notice served	18

Deaths by nationalities.

	Population.	No. Deaths.	Rate per 1,000.
Filipino	181,361	733	47.58
Chinese	51,567	163	37.21
American and foreign	11,804	7	6.98
Total	244,732	903	

Number of deaths with medical attendance	513
Number of deaths without medical attendance	390
Total	903

Veterinary Division.

[W. W. RICHARDS, V. S., *City Veterinarian;* JOHN G. SLEE, D. V. S., *Assistant City Veterinarian.*]

Number of cattle inspected	1,830
Number of hogs inspected	4,443
Number of carabaos inspected	99
Number of sheep inspected	2
Number of goats inspected	16
Number of deer inspected	1
Number of horses inspected	338
In Government slaughterhouse:	
Number of cattle slaughtered	1,528
Number of hogs slaughtered	5,010
Number of cattle condemned and cremated	0
Number of hogs condemned and cremated	59
Number of horses condemned for glanders	6

Burials, May, 1901.

Cemeteries:	
Loma (Government)	229
Paco General (Government)	32
Santa Cruz	14
Balic-balic	105
Binondo	13
Tondo	203
Maytubig	39
Malate	37
Pandacan	18
Chinese	167
Crematory	40
Santa Ana	4
American National Cemetery	1
United States Morgue	1
Total	903

Disinterments, May, 1901.

Loma Cemetery	1
Paco Cemetery	2
Chinese Cemetery (for removal to China)	12
Quiapo Cemetery	1
Total	16

Monthly statement from United States office of identification morgue, Manila, P. I., May, 1901.

Army and Navy.	Officers, Army.	Officers, Navy.	Soldiers.	Civilians.	Women and children.	Total.
Number of deaths in city of Manila			13	4	1	18
Number of bodies received from various posts in the Archipelago			10	1		11
Number of burials in the National Cemetery			7	2	1	10
Number of bodies embalmed and shipped to the United States			17	3		20
Number of bodies in United States morgue awaiting shipment to the United States						
Number of remains now in morgue awaiting shipment						

Crematories, May, 1901.

	Paco.	Santa Cruz.	Total.
Cartloads of refuse consumed	1,344	1,162	2,506
Carcasses of horses consumed	61	51	112
Carcasses of mules consumed	7	8	15
Carcasses of carabaos consumed	16	12	28
Carcasses of dogs consumed	5	437	442
Carcasses of fowls consumed	8	536	544
Carcasses of monkeys consumed	3		3
Carcasses of cats consumed	8	19	27
Carcasses of rats consumed	12	724	736
Carcasses of pigs consumed		2	2
Carcasses of cows consumed	1	32	33
Carcasses of ducks consumed	9	37	46
Carcass of rabbit consumed	1		1

Statement of Bubonic Plague for month ending May 31, 1901.

Number cases remaining from April, 1901:	
Filipinos	7
Chinese	16
Total	23
Number of new cases:	
Filipinos	40
Chinese	97
Total	137
Number of deaths:	
Filipinos	35
Chinese	89
Total	124
Number discharged:	
Filipinos	6
Chinese	7
Total	14
Number remaining:	
Filipinos	6
Chinese	17
Total	23

Comparative Statement for Corresponding Period, May, 1900.

Number of cases remaining from April, 1900:	
Filipinos	3
Chinese	11
Total	14
Number of new cases:	
Americans	2
Filipinos	7
Chinese	13
Total	22
Number of deaths:	
American	1
Filipinos	6
Chinese	11
Total	18
Number discharged:	
Filipinos	3
Chinese	7
Total	10
Number remaining:	
American	1
Filipino	1
Chinese	6
Total	8

Statement of Smallpox for month ending May 31, 1901.

Number of cases remaining from April, 1901 (Filipinos)	12
Number of new cases:	
Filipinos	21
Chinese	2
Total	23
Number discharged:	
Filipinos	32
Chinese	2
Total	34
Number remaining in Smallpox Hospital (Filipino)	1

Comparative Statement for Corresponding Period, May, 1900.

Number of cases remaining from April, 1900 (Filipinos)	7
Number of new cases (Filipinos)	2
Number discharged (Filipinos)	9

Comparative mortality from October 1, 1899, to May 31, 1901, with corresponding period of previous years—Based on estimated population of 244,732.

Month.	1899.		1900.		1901.	
	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.
October	1,184	57.08	961	46.23		
November	1,285	61.39	976	48.48		
December	1,162	55.90	905	43.54		
January			1,055	50.65	758	36.22
February			884	47.08	689	36.69
March			887	42.67	885	42.67
April			805	40.02	886	44.04
May			782	35.21	903	43.44

Summary of statistics of births and deaths.

Population (Health Department's census), January 1, 1901	244,732
Mortality for the month of May	903
Annual death rate per 1,000 for month of May	43.44
Births reported [1]	310
Annual birthrate (based on reports)	14.91

[1] Incomplete.

Meteorological Data Deduced from Hourly Observations for Month of May, taken from the Manila Central Observatory.

Date.	Barometer,[1] mean.		Temperature. Mean.		Temperature. Maximum.		Temperature. Minimum.		Relative humidity, mean.	Wind. Prevailing direction.	Wind. Total daily motion.		Wind. Maximum— Force.		Wind. Maximum— Direction.	Sunshine.		Rainfall.	
	Inches.	*Mm.*	°*C.*	°*F.*	°*C.*	°*F.*	°*C.*	°*F.*	*Per ct.*		*Km.*	*Miles.*	*Km.*	*Miles.*		*h.*	*m.*	*Inch.*	*Mm.*
1	29.938	760.39	29.4	84.9	34.3	93.8	23.7	74.6	70.5	SE.	250	155	29	18	SE.	9	35	------	------
2	29.911	59.78	29.3	84.7	35.3	95.5	22.6	72.7	70.6	SSE.	262	163	22	14	SE.	10	25	------	------
3	29.883	59.02	29.2	84.6	36.1	96.9	22.9	73.3	69.3	SE.	272	169	26	16	SSE.	10	20	------	------
4	29.833	57.76	29.2	84.6	34.6	94.2	21.3	70.3	68.0	W.	270	168	23	14	SW. by W.	11	20	------	------
5	29.808	57.11	30.1	86.2	35.1	95.2	23.3	74.0	69.2	SE.	220	137	18	11	W. by N.	11	00	------	------
6	29.836	57.83	29.5	85.1	33.4	92.1	23.8	74.9	74.9	WSW.	312	194	24	15	SW.	10	20	0.295	7.5
7	29.874	58.78	30.4	86.7	37.3	99.2	24.3	75.7	69.9	SE.	242	150	19	12	SW. by W.	10	40	------	------
8	29.878	58.88	30.5	86.9	34.5	94.1	24.7	76.4	71.5	WSW.	256	159	24	15	WSW.	11	05	------	------
9	29.856	58.33	30.1	86.2	32.9	91.3	24.8	76.6	73.7	WSW.	310	193	35	22	WSW.	10	00	------	------
10	29.830	57.67	29.8	85.6	32.9	91.3	25.3	77.6	75.5	WSW.	254	158	28	18	WSW.	8	25	------	------
11	29.857	58.36	29.3	84.7	33.6	92.5	24.5	76.1	78.4	Variable.	247	153	30	19	WSW.	8	50	0.047	1.2
12	29.928	60.14	28.2	82.8	31.4	88.5	24.7	76.4	81.7	N.	129	80	16	10	ENE.	1	00	------	------
13	29.904	59.54	28.2	82.8	31.8	89.2	23.3	74.0	81.5	N. and SE.	238	148	23	14	N. by W.	4	25	0.177	4.5
14	29.869	58.64	28.5	83.3	34.4	93.9	22.9	73.3	77.8	ENE.	224	139	18	11	ESE.	6	55	------	------
15	29.847	58.11	27.9	82.2	32.5	90.5	22.3	72.1	81.2	WNW.	182	113	18	11	WNW.	5	45	0.020	0.5
16	29.830	57.68	26.4	79.5	28.9	84.0	23.4	74.1	88.5	NNE.	190	118	18	11	N.	0	05	1.063	27.0
17	29.804	56.99	27.9	82.2	31.3	88.3	22.9	73.2	80.8	ESE.	357	222	30	19	ESE.	2	25	0.063	1.6
18	29.835	57.80	27.8	82.0	34.0	93.2	23.8	74.8	83.0	SE.	249	155	34	21	SW.	5	20	0.598	15.2
19	29.861	58.45	29.4	84.9	35.1	95.2	23.6	74.5	73.3	SE.	220	137	18	11	SE.	9	50	------	------
20	29.849	58.15	29.2	84.6	33.7	92.7	23.8	74.9	77.4	WNW.	192	119	18	11	WSW.	10	05	0.047	1.2
21	29.854	58.28	29.2	84.6	33.9	93.1	24.1	75.4	77.6	WNW., NNW.	170	106	18	11	NNW.	8	50	------	------
22	29.853	58.24	28.1	82.6	34.3	93.8	22.6	72.7	80.2	NE.	212	132	24	15	NW.	9	15	0.161	4.1
23	29.851	58.19	29.1	84.4	35.8	96.4	22.7	72.9	76.9	SE.	203	126	17	11	SE.	10	45	------	------
24	29.842	57.97	29.0	84.2	33.5	92.3	24.5	76.1	78.3	Variable.	168	104	16	10	WNW.	7	35	------	------
25	29.835	57.79	28.8	83.8	32.3	90.2	24.1	75.4	79.9	Variable.	140	87	14	9	SSW.	7	35	------	------
26	29.845	58.06	28.7	83.7	32.4	90.4	23.4	74.2	80.7	NE.	148	92	14	9	NW.	7	25	------	------
27	29.879	58.93	28.8	83.8	35.0	95.0	24.2	75.5	78.9	ENE., NNE.	184	114	17	11	NW.	7	45	------	------
28	29.906	59.61	28.2	82.8	32.2	89.9	22.8	73.1	81.4	NE.	157	98	15	9	WNW.	5	30	------	------
29	29.875	58.80	28.2	82.8	32.8	91.1	22.9	73.2	80.4	NE., E.	163	101	18	11	NW.	7	10	0.339	8.6
30	29.823	57.49	29.1	84.4	34.7	94.4	23.2	73.7	76.6	NNE.	224	139	25	16	W. by N.	9	30	0.008	0.2
31	29.788	56.61	29.3	84.7	33.6	92.5	23.3	73.9	76.2	W.	214	133	16	10	W.	10	00	------	------
Mean	29.857	58.37	28.9	84.1	33.7	92.6	23.5	74.4	76.9	------	221.3	137.5	21.5	13.4	------	8	02	------	------
Total	------	------	------	------	------	------	------	------	------	------	6,859	4,262	------	------	------	249	10	2.818	71.6

[1] Corrected for instrumental error and for temperature and reduced to sea level. Correction to standard gravity, —1.72 mm. (—0.068 inch).

GENERAL LIBRARY,
UNIV. OF MICH.
AUG 30 1905

REPORT OF VITAL STATISTICS.

HEADQUARTERS PROVOST-MARSHAL-GENERAL.

BOARD OF HEALTH

MANILA, PHILIPPINE ISLANDS.

JUNE, 1901.

MEMBERS OF THE BOARD.

FRANKLIN A. MEACHAM, Major and Surgeon, United States Volunteers, *President.*
CHARLES LYNCH, Major and Surgeon, United States Volunteers, *Secretary.*
WILLIAM J. CALVERT, First Lieutenant and Assistant Surgeon, United States Army, *Bacteriologist.*
JOHN T. HALSELL, Acting Assistant Surgeon, United States Army, *Chief of Sanitary Corps.*
LOUIS F. BLEAZBY, Acting Assistant Surgeon, *Registrar of Vital Statistics.*
EDWARD A. SOUTHALL Acting Assistant Surgeon, United States Army, *Hospitals, Contagious Diseases.*
T. H. PARDO DE TAVERA, M. D., *Honorary Member.*
JUAN MICIANO, M. D., *Honorary Member.*

MUNICIPAL PHYSICIANS AND DISTRICTS.

Dr. LUIS CABALLERO, *Chief.*

Dr. GABRIEL GARCIA AGEO, *Manila (Walled City).*
Dr. CANDIDO MORA, *Ermita and Malate.*
Dr. ENRIQUE AGUILAR, *Paco.*
Dr. FRANCISCO CASTAÑEDA, *Sampaloc and San Miguel.*
Dr. VALERIANO PANTOJA, *Quiapo.*
Dr. MANUEL GOMEZ, *Santa Cruz.*
Dr. MARCELO ELORIAGA, *San Nicolas.*
Dr. S. V. DEL ROSARIO, *Binondo.*
Dr. CANUTO REYES, *Tondo (north).*
Dr. VICENTE CAVANNA, *Tondo (south).*
Dr. FRANCISCO ROSARIO, *Pandacan.*

MANILA:
BUREAU OF PUBLIC PRINTING.
1904.

18998

CAUSES OF DEATH FOR MONTH OF JUNE, 1901 (INCLUDING STILLBIRTHS).

DISEASES.	By Districts.													Race, Sex, and Age.												
														Malay.				White.				Mongolian.				
														M.		F.		M.		F.		M.		F.		
	Manila (Walled City).	Binondo.	San Nicolas.	Tondo.	Santa Cruz.	Quiapo.	Sampaloc.	San Miguel.	Paco.	Ermita.	Malate.	Pandacan.	Total.	Under 5 years of age.	Over 5 years of age.	Under 5 years of age.	Over 5 years of age.	Under 5 years of age.	Over 5 years of age.	Under 5 years of age.	Over 5 years of age.	Under 5 years of age.	Over 5 years of age.	Under 5 years of age.	Over 5 years of age.	Total.
General diseases.																										
Specific febrile:																										
Bubonic plague	2	13	19	7	8	3				1			53		21		5						27			53
Meningitis, cerebro-spinal	1												1	1												1
Dengue	1												1								1					1
Influenza					9					1			10	4	1	2	3									10
Malarial fever—																										
Intermittent					1	1			2				4	1	1	2										4
Remittent					1	1						1	3		1		2									3
Continued	1				1								2	1	1											2
Pernicious		1		2		1				2			6		4		1						1			6
Cachexia				1									1				1									1
Typhoid fever		1	1	5					1				8		4		4									8
Variola		3											3		1	1							1			3
Measles	1												1			1										1
Parotitis	1												1	1												1
Diarrheal:																										
Cholera infantum																										
Diarrhea, acute						1							1				1									1
Diarrhea, chronic		2	1	1	1								5	1			1						3			5
Dysentery, acute			2	2	1	3	1						9	1	1	3	3						1			9
Dysentery, chronic	1	2	1	2	3					1			10		2		2						6			10
Venereal:																										
Syphilis, acquired						1							1		1											1
Syphilis, congenital																										
Septic:																										
Puerperal septicæmia	1		1										2				2									2
Septicæmia	1										1		2		1		1									2
Tetanus	1												1		1											1
Trismus neonatorum					5	1		1	4		1		12	8		4										12
Dietetic:																										
Malnutrition	3		3		3		3			1		1	14	8		6										14
Inanition						4							4	2		2										4
Constitutional:																										
Anæmia	1												1				1									1
Beri-beri	3	2	1	3	5	2		2			1		19		6	1	4						8			19
Diabetes						1							1				1									1
Leucocythæmia										1			1		1											1
Leprosy					1								1		1											1
Rickets	1	1											2	1		1										2
Rheumatism			1										1		1											1
Tuberculosis, pulmonary	19	2	7	14	15	7	8	1	6	2	1		82		37		38		1				6			82
Tuberculosis, miliary				1									1		1											1
Developmental:																										
Cardiac malformation			1				1		1				3	2		1										3
Marasmus, infantile		2		2									4	3		1										4
Marasmus, senile			1		1	1							3		2		1									3
Stillbirths					3					1			4	3		1										4
Senility				1			1						2		1		1									2
Local diseases.																										
Nervous system:																										
Apoplexy, cerebral	2				1		1	1				1	6	1	3	1	1									6
Alcoholism, chronic					1								1				1									1
Cerebral congestion	1	1		1	2		1	1	2				9	1	3	1	2						2			9
Convulsions, infantile	4	13	20	35	9	7	3	1	4	7	2	4	109	59		50										109
Encephalitis																										
Hydrocephalus				1								1	2	1	1											2
Meningitis, cerebral	1		1	7	3	2	1		4	1	2		22	10	1	9	1		1							22
Meningitis, spinal																										
Myelitis																										
Eclampsia (not puerperal)																										
Neurasthenia																										
Circulatory system:																										
Angina pectoris		2		3	1	1	2						9		4		4						1			9
Blood vessels, arterio-sclerosis				4									4		2		2									4
Embolism, pulmonary		1	1									1	3		2		1									3
Endocarditis				1		1							2		2											2
Pericarditis																										
Fatty degeneration							1						1				1									1
Aneurism of aorta																										
Valvular disease of heart																										
Hypertrophy	2												2		1		1									2
Respiratory system:																										
Asthma				1			1						2		1		1									2
Bronchitis, acute	1	3	2	3	4	3	1		2			1	20	8	1	7	2				1		1			20
Bronchitis, chronic			1	5	1			1	1			1	10		4	2	4									10
Croup, catarrhal					1								1		1											1
Laryngitis, acute					1	1							2			2										2
Laryngitis, chronic																										
Pharyngitis, chronic																										
Pleurisy			1	2									3		2		1									3
Pulmonary congestion		3		2	2			1	1				9	1	2	1	1		1				3			9
Pneumonia					1				1				2		2											2
Digestive system:																										
Appendicitis				1									1		1											1
Enteritis, acute		2	1	4		1	2		2	1	1		14	5	3	4	1						1			14

CAUSES OF DEATH FOR MONTH OF JUNE, 1901—Continued.

DISEASES.	By Districts.													Race, Sex, and Age.													
														Malay.					White.				Mongolian.				
														M.		F.		M.		F.		M.		F.		
	Manila (Walled City).	Binondo.	San Nicolas.	Tondo.	Santa Cruz.	Quiapo.	Sampaloc.	San Miguel.	Paco	Ermita.	Malate.	Pandacan.	Total.	Under 5 years of age.	Over 5 years of age.	Under 5 years of age.	Over 5 years of age.	Under 5 years of age.	Over 5 years of age.	Under 5 years of age.	Over 5 years of age.	Under 5 years of age.	Over 5 years of age.	Under 5 years of age.	Over 5 years of age.	Total.
Local diseases—Continued.																											
Digestive system—Continued.																											
Enteritis, chronic				14			2			1	1		18	6	2	6	4										18
Entero-colitis, acute			1		1	3			2				7	1		5	1										7
Entero-colitis, chronic			1	2	2		2		2				9	4	3	2											9
Gastric ulcer																											
Intussusception, intestinal																											
Gastritis, acute		1	3									2	6	3			2						1				6
Gastritis, chronic									3				3	1		2											3
Gastro-enteritis, acute	1	1	2	7		1	2		1	5	1		21	7	1	9	4										21
Gastro-enteritis, chronic		1	1	2					3				7	4	1		2										7
Hernia		1					1						2		2												2
Cirrhosis of liver	2			1		1							4		3								1				4
Inflammation of liver	3						1						4		4												4
Abscess of liver	2												2		1					1							2
Intestines—intussusception		1											1		1												1
Urinary system:																											
Cystitis, acute	2												2				2										2
Cystitis, chronic																											
Nephritis, acute																											
Nephritis, chronic																											
Uræmia																											
Reproductive system:																											
Abortion				1									1				1										1
Childbirth, eclampsia																											
Childbirth, hemorrhage			1	1	1								3				3										3
Childbirth, asphyxiation	2		1							1			4	2		2											4
Peritonitis, puerperal																											
Metritis																											
Violence and accidents:																											
Drowning		2	3	1									6		5								1				6
Falls		2											2	1									1				2
No diagnosis					1								1							1							1
Suicide					1								1								1						1
Homicide				1	1								2										2				2
Morphinism		1											1										1				1
Hanging																											
Shock traumatic																											
Total	61	64	79	141	92	48	35	9	42	26	11	13	621	152	149	129	115		5		3		68				621

Summary of services rendered by municipal physicians during the month of June, 1901.

District.	Number of houses visited.	Number of families visited.	Number of sick prescribed for.	Number of deaths with medical attendance.	Number of deaths without medical attendance, viewed and inspected for certificates of death.	Total number of visits.
Manila (Walled City)	24	26	26	8	6	86
Binondo	9	9	9	2	16	9
San Nicolas	11	11	11	10	24	97
Tondo (north)	42	42	42	16	52	390
Tondo (south)	38	39	39	12	46	218
Santa Cruz	12	12	12	10	46	12
Quiapo	11	11	11	10	30	19
Sampaloc	23	28	28	4	20	28
Paco and Concepcion	36	36	36	20	19	126
Ermita and Malate	35	35	35	14	18	92
Pandacan	37	37	39	5	7	149
Total	278	286	288	111	284	1,226

Services rendered by the municipal midwives during the month of June, 1901.

District.	Name of midwife.	Number of cases attended.
Manila (Walled City)	Benita Miranda	2
Binondo	Juliana de los Santos	5
San Nicolas	Mamerta Mendez	24
Tondo	Basilia Garcia	20
Santa Cruz and Quiapo	Filomena Rubin	28
San Miguel and Sampaloc	Basilia Lois	16
Paco and Concepcion	Francisca Manalaisay	17
Ermita and Malate	Maria Penida Enriquez	30
Total		142

Vaccine Institute.

[Saturnino Espejo, *Director*.]

Vaccine virus issued during month ending June 30, 1901.

	Units.
Army	10,000
Navy	4,800
Inhabitants of the Archipelago (excluding Manila)	56,700
Inhabitants of Manila	6,900
Board of Health	2,400
Total	80,800

Number of young carabaos used in preparation of virus, 5.

Number of vaccinations during the month of June, 1901, by districts.

District.	Children.	Adults.	Total.
Manila (Walled City)	211	392	603
Binondo	60	935	995
San Nicolas	171	709	880
Tondo	339	466	805
Santa Cruz	220	538	758
Quiapo	234	359	593
San Miguel	191	384	575
Sampaloc	208	421	629
Paco	201	228	429
Ermita	73	92	165
Malate	168	254	422
Total	2,076	4,778	6,854

Division of Inspection.

Number of inspections and reinspections	30,125
Number of complaints by citizens	29
Number of adverse reports made by inspectors	6,275
Number of notices served	1,095
Number of permits issued to clean vaults, drains, etc	400
Houses disinfected	61
Premises cleaned	502
Legal proceedings instituted for noncompliance with notice served	1
Number of wells closed	133

Deaths by nationalities.

	Population.	No. Deaths.	Rate per 1,000.
Filipino	181,361	545	36.61
Chinese	51,567	68	16.05
American and foreign	11,814	8	8.25
Total	244,742	621	

Number of deaths with medical attendance	260
Number of deaths without medical attendance	361
Total	621

Veterinary Division.

[W. W. RICHARDS, V. S., *City Veterinarian;* JOHN G. SLEE, D. V. S., *Assistant City Veterinarian.*]

Number of cattle inspected	1,535
Number of hogs inspected	3,977
Number of carabaos inspected	85
Number of sheep inspected	7
Number of goats inspected	34
Number of deer inspected	0
Number of horses inspected	430
In Government slaughterhouse:	
Number of cattle slaughtered	1,380
Number of hogs slaughtered	4,815
Number of cattle condemned and cremated	0
Number of hogs condemned and cremated	61
Number of horses condemned for glanders	9

Burials, June, 1901.

Cemeteries:	
Loma (Government)	142
Paco General (Government)	27
Santa Cruz	13
Balic-balic	60
Binondo	15
Tondo	168
Maytubig	41
Malate	33
Pandacan	15
Chinese	78
Crematory	22
Santa Ana	3
American National Cemetery	2
United States Morgue	2
Total	621

Disinterments, June, 1901.

Malate Cemetery	1
Paco Cemetery	4
Chinese Cemetery (for removal to China)	4
Santa Cruz Cemetery	6
Binondo Cemetery	1
Total	16

Monthly statement from United States office of identification morgue, Manila, P. I., June, 1901.

Army and Navy.	Officers, Army.	Officers, Navy.	Soldiers.	Civilians.	Women and children.	Total.
Number of deaths in city of Manila			14	6		20
Number of bodies received from various posts in the Archipelago	3	1	4	1		9
Number of burials in the National Cemetery	2		3	9		14
Number of bodies embalmed and shipped to the United States	1	1	14	3	1	20
Number of disinterred bodies received from China			1			[1]3

[1]Includes 2 Marine Corps.

Crematories, May, 1901.

	Paco.	Santa Cruz.	Total.
Cartloads of refuse consumed	940	1,292	2,232
Carcasses of horses consumed	58	73	131
Carcasses of mules consumed	2	1	3
Carcasses of carabaos consumed	11	11	22
Carcasses of dogs consumed	8	168	176
Carcasses of cows consumed	3	25	28

Statement of bubonic plague for month ending June 30, 1901.

Number cases remaining from May, 1901:	
Filipinos	6
Chinese	17
Total	23
Number of new cases:	
Filipinos	30
Spanish	1
Chinese	24
Total	55
Number of deaths:	
Filipinos	25
Spanish	1
Chinese	28
Total	54
Number discharged:	
Filipinos	4
Chinese	7
Total	11
Number remaining:	
Filipinos	7
Chinese	6
Total	13

Comparative statement for corresponding period, June, 1900.

Number of cases remaining from May, 1900:	
American	1
Filipino	1
Chinese	6
Total	8

Comparative statement for corresponding period, June, 1900—Continued.

Number of new cases:	
Filipinos	5
Chinese	14
Total	19
Number of deaths:	
Filipinos	5
Chinese	6
Total	11
Number discharged:	
American	1
Filipino	1
Chinese	8
Total	10
Number remaining (Chinese)	6

Statement of smallpox for month ending June 30, 1901.

Number of cases remaining from May, 1901 (Filipino)	1
Number of new cases:	
Filipinos	6
Chinese	1
Total	7
Number of deaths:	
Filipinos	2
Chinese	1
Total	3
Number discharged (Filipinos)	3
Number remaining in smallpox hospital (Filipinos)	2

Comparative statement for corresponding period, June, 1900.

Number of new cases (Filipino)	1
Number discharged (Filipino)	1

Comparative mortality from October 1, 1899, to June 30, 1901, with corresponding period of previous years—Based on estimated population of 244,732.

Month.	1899.		1900.		1901.	
	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.
October	1,184	57.08	961	46.28		
November	1,285	61.89	976	48.48		
December	1,162	55.90	905	43.54		
January			1,055	50.65	753	36.22
February			884	47.08	689	36.69
March			887	42.67	885	42.67
April			805	40.02	886	44.04
May			732	35.21	903	43.44
June			599	29.79	621	30.89

Summary of statistics of births and deaths.

Population (Health Department census), January 1, 1901	244,732
Mortality for the month of June	621
Annual death rate per 1,000 for month of June	30.89
Births reported [1]	328
Annual birthrate (based on reports)	16.32

[1] Incomplete.

Meteorological Data Deduced from Hourly Observations for Month of June, taken from the Manila Central Observatory.

Date.	Barometer,[1] mean.		Temperature. Mean.		Temperature. Maximum.		Temperature. Minimum.		Relative humidity, mean.	Wind. Prevailing direction.	Wind. Total daily motion.		Wind. Maximum— Force.		Wind. Maximum— Direction.	Sunshine.		Rainfall.	
	Inches.	*Mm.*	°*C.*	°*F.*	°*C.*	°*F.*	°*C.*	°*F.*	*Per ct.*		*Km.*	*Miles.*	*Km.*	*Miles.*		*h.*	*m.*	*Inch.*	*Mm.*
1	29.770	756.16	29.8	85.6	32.7	90.8	24.1	75.3	76.1	WSW.	398	247	36	22	WSW.	11	55	------	------
2	29.782	56.45	29.4	84.9	32.8	91.1	24.1	75.4	79.0	WSW.	394	245	38	24	WSW.	8	55	0.032	0.8
3	29.775	56.28	28.7	83.7	31.6	88.9	24.4	76.0	82.7	WSW.	320	199	26	16	WSW.	6	10	0.004	0.1
4	29.805	57.02	29.0	84.2	32.0	89.6	25.1	77.2	77.7	WSW.	388	241	38	24	SW.	7	40	------	------
5	29.827	57.59	28.8	83.8	32.3	90.1	24.0	75.2	80.2	WSW.	286	178	34	21	WSW.	8	00	0.043	1.1
6	29.817	57.35	28.2	82.8	31.1	87.9	23.6	74.5	81.3	WSW.	386	240	33	21	WSW.	8	05	0.043	1.1
7	29.816	57.32	27.5	81.5	31.6	88.9	23.2	73.8	83.6	WSW.	336	209	34	21	WSW.	4	20	0.476	12.1
8	29.805	57.03	27.5	81.5	30.5	86.9	23.2	73.7	85.3	WSW.	370	230	42	26	SW. by W.	2	40	0.583	14.8
9	29.818	57.37	28.2	82.8	31.5	88.7	23.7	74.6	84.0	WSW.	330	205	34	21	WSW.	4	25	0.220	5.6
10	29.800	56.90	28.2	82.8	32.3	90.2	23.5	74.3	82.2	SSW.	316	196	32	20	WSW.	3	00	0.512	13.0
11	29.760	55.89	27.4	81.3	31.4	88.6	23.5	74.3	86.3	WSW.	434	270	37	23	SW. by W.	3	00	0.264	6.7
12	29.756	55.80	26.6	79.2	31.6	88.9	23.2	73.8	89.9	SW.	299	186	29	18	NW.	2	00	0.917	23.3
13	29.808	57.11	26.4	79.5	29.1	84.4	23.2	73.8	91.8	Variable.	216	134	28	18	NW.	0	00	1.500	38.1
14	29.869	58.66	27.4	81.3	31.3	88.3	23.2	73.7	86.0	Variable.	214	133	39	24	W.	3	55	0.398	10.1
15	29.874	58.77	28.0	82.4	31.7	89.1	22.4	72.3	84.0	Variable.	175	109	22	14	SW.	10	50	------	------
16	29.861	58.44	28.9	84.0	33.4	92.1	23.6	74.5	82.8	WSW.	174	108	18	11	WSW.	10	35	0.059	1.5
17	29.845	58.05	29.4	84.9	33.1	91.5	24.0	75.2	79.4	SW.	208	129	27	17	SW.	10	30	0.035	0.9
18	29.889	59.17	27.9	82.2	30.6	87.1	24.0	75.2	84.2	WSW.	323	201	32	20	WSW.	4	00	------	------
19	29.906	59.60	28.7	83.7	31.6	88.9	22.9	73.3	80.5	E.	276	172	30	19	WSW.	11	00	------	------
20	29.898	59.41	29.2	84.6	32.8	91.0	23.5	74.3	76.8	WSW.	264	164	24	15	WSW.	11	10	------	------
21	29.863	58.50	30.0	86.0	36.2	97.2	24.0	75.2	74.8	SW.	292	181	22	14	SW.	10	55	------	------
22	29.874	58.77	30.1	86.2	35.8	96.5	24.4	76.0	70.9	SE.	238	148	20	12	SE. by S.	11	00	------	------
23	29.890	59.20	29.0	84.2	33.4	92.1	23.9	75.1	73.5	ESE.	210	130	17	11	ESE.	9	00	0.098	2.5
24	29.902	59.49	26.2	79.2	30.2	86.3	23.3	74.0	89.2	ENE.	170	106	18	11	SE.	0	00	0.815	20.7
25	29.891	59.23	28.1	82.6	33.7	92.7	22.2	72.0	80.7	ESE.	166	103	16	10	SE.	7	30	------	------
26	29.858	58.37	28.5	83.3	32.8	91.1	22.8	73.1	78.3	ESE.	144	89	13	8	W.	9	00	------	------
27	29.862	58.48	27.7	81.9	32.9	91.2	22.8	73.1	83.0	ESE.	182	113	18	11	NNW.	7	25	------	------
28	29.859	58.40	27.7	81.9	31.8	89.2	22.7	72.9	82.2	Variable.	143	89	15	9	WNW.	7	45	0.055	1.4
29	29.815	57.27	28.4	83.1	32.1	89.8	22.7	72.9	80.9	NW.	170	106	18	11	WNW.	6	00	------	------
30	29.800	56.89	28.3	82.9	31.8	89.2	23.5	74.3	80.5	NW.	177	110	14	9	SSW.	4	35	0.055	1.4
Mean	29.836	57.83	28.3	83.0	32.2	89.9	23.5	74.3	81.6	------	266.6	165.7	26.8	16.7	------	6	51	------	------
Total	------	------	------	------	------	------	------	------	------	------	7,999	4,971	------	------	------	205	20	6.109	155.2

[1] Corrected for instrumental error and for temperature and reduced to sea level. Correction to standard gravity, —1.72 mm. (—0.068 inch).

GENERAL LIBRARY,
CITY OF MANILA.
AUG 8 1906

REPORT OF VITAL STATISTICS

BOARD OF HEALTH FOR THE PHILIPPINE ISLANDS.

CITY OF MANILA.

VOL. II. JULY, 1901. No. 1.

MEMBERS OF THE BOARD.

FRANKLIN A. MEACHAM, M. D., ... *Act. Commissioner Public Health*
MANUEL GOMEZ MARTINEZ, M. D., ... *Chief Health Inspector*
JOHN T. HALSELL, M. D., ... *Secretary*
L. F. BLEASBY, M. D., ... *Member*
LEON M. GUERRERO, P. D., ... *Member*
TRINIDAD H. PARDO DE TAVERA, M. D., ... *Honorary Member*
. . . . . *Honorary Member*

MUNICIPAL PHYSICIANS.

DR. LUIS CABALLERO . . . . . Chief.

Dr. Gabriel Garcia Ageo	Walled City.	Dr. Valeriano Pantoja	Quiapo and San Miguel.
Dr. Cándido Mora	Ermita and Malate.	Dr. Marcelo Eloriaga.	San Nicolas.
Dr. Enrique Aguilar	Paco.	Dr. S. V. del Rosario	Binondo.
Dr. Francisco Castañeda	Sampaloc.	Dr. Vicente Cavanna	Tondo.
Dr. Canuto Reyes.	Santa Cruz.	Dr. Francisco Rosario	Pandacan.

METEOROLOGICAL OBSERVATIONS

DEDUCED FROM HOURLY OBSERVATIONS,

FOR MONTH OF JULY, TAKEN FROM "OBSERVATORIO CENTRAL DE MANILA."

Date	Barometer (*)		Temperature						Relative humidity	Wind						Sunshine		Rainfall	
	Mean		Mean		Maximum		Minimum			Prevailing direction	Total daily motion		Maximum Force		Maximum Direction				
July.	Inches	mm.	C.	F.	C.	F.	C	F.	Mean		Km.	Miles	Km.	Miles		H.	m.	Inches	mm.
1	29.783	756.47	28.5	83.3	31.2	88.1	23.4	74.2	79.6	WSW.	348	216	32	20	WSW.	9	30	0.091	2.3
2	29.775	56.27	27.9	82.2	31.1	88.0	23.4	74.2	84.2	WSW.	326	203	28	18	WSW.	6	50	0.862	21.9
3	29.815	57.28	27.8	82.0	32.2	90.0	23.2	73.8	82.2	WSW.	249	155	22	14	WSW.	5	20	0.094	2.4
4	29.839	57.91	26.4	79.5	32.1	89.7	22.4	72.3	87.7	E.	172	107	24	15	ESE.	3	55	0.472	12.0
5	29.812	57.21	27.2	81.0	30.2	86.4	22.4	72.3	86.8	ESE., NE.	138	86	10	6	NW., NE	3	15		
6	29.767	56.07	28.6	83.5	35.0	95.0	22.8	73.1	79.9	SE.	153	95	14	9	ESE	7	30		
7	29.802	56.96	27.2	81.0	32.3	90.2	23.5	74.3	85.0	ESE.	191	119	26	16	WSW.	5	20	0.047	1.2
8	29.828	57.62	27.5	81.5	31.2	88.1	22.4	72.3	82.7	WSW.	364	226	38	24	WSW.	4	05	0.520	13.2
9	29.871	58.71	27.7	81.9	30.9	87.6	22.6	72.6	80.7	WSW.	306	190	27	17	WSW.	7	20	0.189	4.8
10	29.863	58.49	28.0	82.4	34.4	94.0	22.9	73.2	81.5	variable	232	144	24	15	WSW.	9	15		
11	29.831	57.70	27.9	82.2	33.2	91.7	25.5	77.9	83.1	variable	136	85	16	10	SSW.	6	40	0.012	0.3
12	29.843	57.99	26.3	79.3	30.9	87.6	22.9	73.2	92.0	SE.	126	78	22	14	SSW.	0	05	1.421	36.1
13	29.876	58.82	26.5	79.7	31.3	88.3	22.6	72.7	87.8	SSW.	153	95	15	9	SSW.	2	15	0.032	0.8
14	29.888	59.15	28.4	83.1	34.1	93.4	23.6	74.5	79.4	SSW.	224	139	20	12	SSW.	8	45		
15	29.909	59.67	27.6	81.7	32.3	90.2	24.1	75.4	83.2	variable	134	83	16	10	ENE.	6	15		
16	29.901	59.47	28.3	82.9	33.1	91.6	23.0	73.4	81.2	variable	149	93	17	11	WNW.	8	35		
17	29.885	59.07	28.3	82.9	34.3	93.8	22.8	73.0	79.5	variable	174	108	22	14	SE.	10	15	0.559	14.2
18	29.862	58.47	28.1	82.6	33.2	91.8	23.0	73.4	78.2	variable	164	102	14	9	NW.	6	40		
19	29.853	58.25	28.0	82.4	32.9	91.3	23.2	73.8	78.6	NE., W.	176	109	18	11	NNE.	8	15		
20	29.831	57.69	27.0	80.6	29.9	85.9	23.8	74.8	86.2	variable	204	127	23	14	WNW.	0	25	0.071	1.8
21	29.735	55.24	26.0	78.8	27.8	82.0	22.8	73.0	88.2	SSW.	210	130	18	11	SSW.	0	00	0.929	23.6
22	29.705	54.50	27.2	81.0	32.9	91.2	23.3	73.9	85.7	SSW.,ENE	142	88	10	6	W.	6	00	0.417	10.6
23	29.734	55.23	27.6	81.7	31.0	87.8	23.5	74.3	84.2	ESE.	144	89	12	7	W.	6	20	0.035	0.9
24	29.809	57.12	27.2	81.0	29.9	85.9	23.3	73.9	84.4	S.	304	189	30	19	WSW.	5	15	0.236	6.0
25	29.822	57.49	27.9	82.2	30.7	87.2	23.6	74.5	79.1	WSW.	362	225	30	19	WSW.	7	45	0.087	2.2
26	29.802	56.95	28.7	83 7	31.6	88.8	23.5	74.3	77.5	WSW.	304	189	34	21	WSW.	9	00		
27	29.830	57.67	27.7	81.9	31.3	88.4	23.5	74.3	83.8	variable	194	121	18	11	W. by S.	5	40	0.571	14.5
28	29.862	58.47	26.2	79.2	29.3	84.8	22.7	72.7	90.5	variable	158	98	14	9	WSW.	0	00	0.732	18.6
29	29.844	58.03	26.9	80.4	29.7	85.4	22.6	72.6	85.9	WSW.	231	144	22	14	WSW.	5	00	1.051	26.7
30	29.814	57.26	27.8	82.0	31.0	87.8	23.0	73.4	82.8	WSW.	321	199	31	19	WSW.	7	15	0.571	14.5
31	29.809	57.12	28.0	82.4	30.9	87.7	24.4	75.9	79.7	WSW.	459	285	39	24	SW.by W	9	30		
Mean	29.826	57.56	27.6	81.6	31.7	89.0	23.2	73.8	83.3		224.1	139.3	22.1	13.8		5	53		
Total	------	------	------	------	------	------	------	------	------	------	**6948**	**4317**	------	------	------	182-	15	8.999	228.6

(*) Corrected for instrumental error and for temperature, and reduced to sea-level. Correction to standard gravity, —1.72 mm. (—0.068 inch.)

	Nomenclature designed for the statistics of death	American M.	American F.	European M.	European F.	Philippino M.	Philippino F.	Chinese M.	Chinese F.	TOTAL
	I.—GENERAL DISEASES.									
1	Typhoid Fever (abdominal typhus)					2	2	1		5
2	Exanthematic typhus									
3	Relapsing Fever									
4	Intermittent Fever, and Malarial Cachexia			1		2	8	5		16
4a	Malarial Cachexia					3	1			4
5	Variola									
6	Measles									
7	Scarlatina									
8	Whooping Cough									
9	Diphtheria and Croup									
9a	Diphtheria									
10	Grippe					1				1
11	Miliary Fever									
12	Asiatic Cholera									
13	Cholera nostras									
14	Dysentery					4	7	5		16
14a	Epidemic Dysentery									
15	Plague			1		9	9	19		38
16	Yellow Fever									
17	Leprosy					1				1
18	Erysipelas									
19	Other Epidemic Affections					2	3	8		13
20	Purulent Infection and Septicæmia									
21	Glanders and Farcy									
22	Malignant Pustule and Anthrax									
23	Rabies									
24	Actinomycosis, Trichinosis, etc.									
25	Pellagra									
26	Tuberculosis of Larynx									
27	" of Lungs					34	29	13		76
28	" of Meninges									
29	" of Abdomen					1				1
30	Pott's Disease									
31	Cold Abscess and Abscess by Congestion									
32	White Swellings									
33	Tuberculosis of Other Organs						1	1		2
34	Generalized Tuberculosis									
35	Scrofula									
36	Syphilis									
37	Gonorrhea of the Adult									
38	Gonococcic Infections of Children									
39	Cancer and Other Malignant Tumors of the Buccal Cavity					1	1			2
40	Cancer and Other Malignant Tumors of the Stomach and Liver									
41	Cancer and Other Malignant Tumors of Peritoneum, Intestines, and Rectum									
42	Cancer and Other Malignant Tumors of the Female Genitals									
43	Cancer and Other Malignant Tumors of the Breast									
44	Cancer and Other Malignant Tumors of the Skin									
45	Cancer and Other Malignant Tumors of Other Organs and Organs not Specified									
46	Other Tumors (Tumors of the Female Genitals excepted)									
47	Acute, Articular, Rheumatism									
48	Chronic, Rheumatism and Gout									
49	Scurvy									
50	Diabetes									
51	Exophthalmic, Goiter									
52	Addison's Disease									
53	Leukæmia									
54	Anæmia, Chlorosis						2			2
55	Other General Diseases					2	1			3
56	Acute, Alcoholism or Chronic									
57	Lead-Poisoning									
58	Other Poisonings Incident to Occupations									
59	Other Chronic Poisonings									
	II.—Diseases of the nervous system and the organs of special sense.									
60	Encephalitis					1				1
61	Simple Meningitis			1		8	6			15
61a	Epidemic Cerebro-spinal Meningitis									
62	Progressive Locomotor Ataxia									
63	Other Diseases of the Spinal Cord						2			2
64	Cerebral Congestion and Hemorrhage	2				8	3	2		15
65	Cerebral Softening						1			1
66	Paralysis Without Apparent Cause									
67	General, Paralysis									
68	Other Forms of Insanity									
69	Epilepsy									
70	Eclampsia (nonpuerperal)									
71	Convulsions of Children					68	53	1	1	123
72	Tetanus					4	2			6
73	Chorea									
74	Other Diseases of the Nervous System					4	5			9
75	Diseases of the Eye and its Adnexa									
76	Diseases of the Ear									
	III.—Diseases of the Circulatory System.									
77	Pericarditis									
78	Acute Endocarditis					4	3			7
79	Organic Diseases of the Heart	1				1	2			4
80	Angina Pectoris					1	2			3
81	Affections of the Arteries (Atheroma, Aneurisms, etc.)					3	2			5
82	Embolus and Thrombosis						2	1		3
83	Affections of the Veins (Varices, Hemorrhoides, Phlebitis)									
84	Affections of the Limphatic System (Lymphangitis, etc.)									
85	Hemorrhages									
86	Other Affections of the Circulatory-System									
	IV.—Diseases of the Respiratory System.									
87	Diseases of the Nasal Fossæ									
88	Affections of the Larynx					6	6			12
89	Affections of the Thyroid Body									
90	Acute Bronchitis					12	9	1		22
91	Chronic Bronchitis					7	5			12
92	Broncho-Pneumonia									
93	Pneumonia						1	1		2
94	Pleurisy					1				1
95	Pulmonary Congestion and Apoplexy					2	2			4
96	Gangrene of the Lungs									
97	Asthma					1				1
98	Pulmonary Emphisemia						1			1
99	Other Diseases of the Respiratory System (Phthisis excepted)									
	V.—Diseases of Digestive System.									
100	Affections of the Mouth and its Adnexa									
101	Affections of the Pharynx						1			1
102	Affections of the Esophagus									
103	Ulcer of the Stomach						2			2
104	Other Affections of the Stomach (Cancer excepted)					3	3			6
105	Diarrhea and Enteritis (under 2 years)				1	34	35			70
105a	Chronic Diarrhea and Enteritis					5	6			11
106	Diarrhea and Enteritis (2 years and over)					19	12			31
107	Intestinal Parasites									
108	Hernias; Intestinal Obstructions					2		1		3
109	Other Affections of the Intestines					1				1
110	Acute Yellow Atrophy of the Liver									
111	Hydatid, Tumors, of the Liver									
112	Cirrhosis of the Liver									
113	Biliary Calculi									
114	Other Affections of the Liver					1	1			2
115	Affections of the Spleen									
116	Simple Peritonitis, (Puerperal excepted)									
117	Other Affections of the Digestive System (Cancer and Tuberculosis excepted)									
118	Appendicitis and Abcess of the Iliac Fossa	1				3				4
	VI.—Diseases of the genito-urinary system and its adnexa.									
119	Acute Nephritis									
120	Bright's Disease									
121	Other Diseases of the Kidneys and their Adnexa									
122	Calculi of the Urinary Tract						1			1
123	Diseases of the Bladder									
124	Diseases of the Urethra, Urinary Abscess, etc.						1			1
125	Diseases of the Prostate									
126	Nonvenereal Diseases of the Male Genital Organs									
127	Metritis									
128	Uterine, Hemorrhage (nonpuerperal)									
129	Tumor, Uterine (non cancerous)						1			1
130	Other Diseases of the Uterus									
131	Cysts and Other Tumors of the Ovary									
132	Other Diseases of the Female Genital Organs									
133	Nonpuerperal Diseases of the Breast (Cancer excepted)									
	VII.—The puerperal state.									
134	Accidents of Pregnancy									
135	Puerperal Hemorrhage						1			1
136	Other Accidents of Labor						1			1
137	Puerperal Septicæmia						3			3
138	Albuminuria and Puerperal Eclampsia						2			2
139	Puerperal Phlegmasia Alba Dolens									
140	Other Puerperal Accidents-Sudden Death									
141	Puerperal Diseases of the Breast									
	VIII.—Diseases of the skin and celular tissue.									
142	Gangrene									
143	Furuncle									
144	Warm-acute Abscess									
145	Other Diseases of the Skin and its Adnexa									
	IX.—Diseases of the organs of locomotion.									
146	Affections of the Bones (non-tuberculous)									
147	Diseases of the Joints (Tuberculosis and Rheumatism excepted)									
148	Amputation									
149	Other Affections of the Organs of Locomotion									
	X.—Malformations.									
150	Congenital Malformations (Stillbirth excepted					2	1			3
	XI.—Early Infancy.									
151	Congenital Icterus, Debility and Sclerema					3				3
152	Other Special Diseases of Early Infancy					2	3			5
153	Lack of Care									
	XII.—Old age.									
154	Senile Debility					3	11			14
	XIII.—Affections produced by external causes.									
155	Suicide by Poison									
156	Suicide by Asphyxia									
157	Suicide by Hanging or Strangulation							1		1
158	Suicide by Submersion									
159	Suicide by Firearms									
160	Suicide by Cutting Instruments					1				1
161	Suicide by Jumping from High Place									
162	Suicide by Crushing									
163	Other Suicides									
164	Fractures									
165	Dislocations									
166	Other Accidental Traumatisms					2				2
167	Burns									
168	Burning by Corrosive Substances					1				1
169	Insolation									
170	Freezing									
171	Electrical Shocks							1		1
172	Accidental Submersion						1			1
173	Inanition									
174	Inhalation of Deleterious Gases (Suicide excepted)					1				1
175	Other Acute Poisonings						1			1
176	Other External Violence									
	XIV.—Ill-defined Diseases.									
177	Dropsy									
178	Sudden Death									
179	Unspecified or Ill-defined Causes of Death									
	TOTAL	4		2	2	277	257	61	1	604

DEATHS BY AGE.

Under 30 days	60
30 days to 1 year	151
1 year to 2 years	38
2 years to 5 years	47
5 years to 10 years	14
10 years to 15 years	14
15 years to 20 years	25
20 years to 25 years	25
25 years to 30 years	39
30 years to 40 years	70
40 years to 50 years	36
50 years to 60 years	32
60 years to 70 years	27
70 years to 80 years	26
Total	604

Still-births 8.

DEATHS BY DISTRICTS.

Walled City	55
Binondo	59
San Nicolas	77
Tondo	125
Santa Cruz	105
Quiapo	36
Sampaloc	42
San Miguel	26
Paco	43
Ermita	11
Malate	14
Pandacan	11
Total	604

Still births 8.

Statement of Bubonic Plague for Month Ending July 31, 1901.

No. Cases Remaining from June, 1901.					No. of New Cases.					No. Deaths.					No. Discharged.					No. Remaining.				
American	Philippino	Spanish	Chinese	Total	American	Philippino	Spanish	Chinese	Total	American	Philippino	Spanish	Chinese	Total	American	Philippino	Spanish	Chinese	Total	American	Philippino	Spanish	Chinese	Total
0	7	0	6	13	0	20	1	18	39	0	18	1	19	38	0	4	0	2	6	0	5	0	3	8

Comparative Statement for Corresponding Period, July, 1900.

No. Cases Remaining from June, 1900.					No. of New Cases.					No. Deaths.					No. Discharged.					No. Remaining.				
American	Philippino	Spanish	Chinese	Total	American	Philippino	Spanish	Chinese	Total	American	Philippino	Spanish	Chinese	Total	American	Philippino	Spanish	Chinese	Total	American	Philippino	Spanish	Chinese	Total
0	0	0	6	6	0	8	0	5	13	0	3	0	4	7	0	0	0	3	3	0	5	0	4	9

REPORT FROM LABORATORY FOR MONTH OF JULY, 1901.

Seventy-seven examinations were made, these were divided as follows:

8	bloods.
30	urines.
35	sputums.
4	fæces.
77	

Eight bloods were examined, four were for the Widal reaction, one of which was positive. Four were for the plasmodia malaria, of these three were negative, the other showed the æstivo-autumnal parasite.

Thirty urines were examined, eight of these showed albumen, sugar was absent in all. Microscopically, five showed pus cells, three hyaline and granular casts, and two showed a few red blood corpuscles.

Thirty-five sputums were examined for the tubercle bacillus, eight were positive.

Four specimens of fæces were examined for the amœbæ dysentericæ, of these one was positive.

Comparative Mortality from October 1, 1899, to July 31, 1901.

MONTH.	1899. No. Deaths.	1899. Annual Death rate per 1000.	1900. No. Deaths.	1900. Annual Death rate per 1000.	1901. No. Deaths.	1901. Annual Death rate per 1000.
October	1184	57.08	961	46.23	—	—
November	1235	61.39	976	48.48	—	—
December	1162	55.90	905	43.54	—	—
January	—	—	1055	50.65	753	36.22
February	—	—	884	47.08	689	36.69
March	—	—	887	42.67	885	42.67
April	—	—	805	40.02	886	44.04
May	—	—	732	35.21	903	43.44
June	—	—	599	29.79	621	30.89
July	—	—	787	37.09	608	28.46

Summary of Statistics of Births and Deaths.

Population, census (Health Department)	250,000
Mortality for the month of July	604
Annual death rate per 1000 for month of July	28.46
*Births reported	354
Annual birth rate (based on reports)	16.68

*Incomplete.

VACCINE INSTITUTE

SATURNINO ESPEJO, DIRECTOR.

Vaccine virus issued during month ending July 31, 1901.

Army	5,200 units
Navy	4,700 units
Inhabitants of the Archipelago [excluding Manila]	102,600 units
Inhabitants of Manila	3,920 units
Total	116,420 units
Number of young carabaos used in preparation of virus	6

VACCINATIONS, JULY, 1901

	Walled City.	Binondo.	San Nicolas.	Tondo.	Santa Cruz.	Quiapo.	San Miguel.	Sampaloc.	Paco.	Ermita.	Malate.	TOTAL.
Children	41	45	144	249	104	90	112	177	253	85	37	1337
Adults	108	515	303	240	278	166	129	304	287	175	69	2574
TOTAL	149	560	447	489	382	256	241	481	540	260	106	3911

DIVISION OF INSPECTION

Number of inspections and re-inspections	21,287
Number of complaints by citizens	22
Number of adverse reports made by inspectors	5,587
Number of notices served	528
Legal proceedings instituted for non-compliance with notice served	
Number of permits issued to clean vaults, drains, etc.	351
Number of houses in which rat poison was distributed (Prevent spread of bubonic plague)	2,941
Houses disinfected	39
Premises cleaned	668

DEATHS BY NATIONALITIES

	Population.	No. Deaths.	Rate per 1,000
Philippino	186,619	534	33.77
Chinese	51,567	62	14.37
American and Foreign	11,814	8	7.98
Total	250,000	604	28.46

Number of deaths with medical attendance	208
Number of deaths without medical attendance	534
Number of deaths, Chinese	62
Total	604

VETERINARY DIVISION

WILLIAM W. RICHARDS, V. S. City Veterinarian.

JOHN G. SLEE, D. V. S. Asst. City Veterinarian.

On arrival in City	Number of cattle inspected	2,442
	Number of hogs inspected	3,897
	Number of carabaos inspected	91
	Number of sheep inspected	2
	Number of goats inspected	46
	Number of horses inspected	400
In Government Slaughterhouse	Number of cattle slaughtered	1,868
	Number of hogs slaughtered	4,534
	Number of cattle condemned and cremated	1
	Number of hogs condemned and cremated	79
Number of horses condemned for glanders		13

BURIALS, JULY, 1901

CEMETERIES.	No.
Loma [Government]	169
Paco General [Government]	25
Santa Cruz	13
Balic-balic	70
Binondo	15
Tondo	157
Maytubig	33
Malate	32
Pandacan	11
Chinese	67
Crematory	13
Santa Ana	6
American National Cemetery	1
TOTAL	612

8 of above were still births.

DISINTERMENTS, JULY, 1901

Santa Cruz Cemetery	13
Paco Cemetery	5
Chinese Cemetery (for removal to China)	7
Binondo Cemetery	3
TOTAL	28

Monthly Statement from U. S. Office of Identification (Morgue) Manila, P. I., July, 1901

	Officers.	Soldiers.	Civilian Employees.	Native Employees.	TOTAL.
Number of deaths in city of Manila	1	10	6	0	17
Number of bodies received from various posts in the Archipelago.	1	6	1	0	8
Number of burials in the National Cemetery	0	1	9	0	10
Number of bodies embalmed and shipped to the United States	0	2	19	0	21
Number of remains disinterred in Manila (National Cemetery) for shipment to United States	0	0	1	0	1

CREMATORIES

JULY, 1901.	Cart loads of refuse consumed.	Carcasses of horses consumed.	Carcasses of mules consumed.	Carcasses of carabaos consumed.	Carcasses of dogs consumed.	Carcasses of cows consumed.
Paco	940	104	3	9	5	4
Santa Cruz	1047	99	2	10	0	3
TOTAL	1987	203	5	19	5	7

GENERAL LIBRARY,
UNIV. OF MICH.
AUG 30 1905

Board of Health for the Philippine Islands

AND CITY OF MANILA.

MEMBERS OF THE BOARD.

Major Louis M. Maus, Medical Department, U. S. A.	Commissioner of Public Health
Franklin A. Meacham, M. D.	Chief Health Inspector
P. C. Freer,	Superintendent of Laboratories
Manuel Gomez Martinez, M. D.	Secretary
C. M. Mead, City Engineer	Sanitary Engineer

VOL. II. NO. 2.

REPORT OF VITAL STATISTICS

CITY OF MANILA

For the Month of August, 1901.

MUNICIPAL PHYSICIANS (District.)

Dr. Gabriel Garcia Ageo	Intramuros, Concepcion and San Miguel
Dr. Candido Mora	Ermita, Malate and Paco
Dr. Valeriano Pantoja	Tondo
Dr. S. V. del Rosario	Binondo
Dr. Vicente Cavanna	San Nicolas
Dr. Canuto Reyes	Quiapo and Santa Cruz
Dr. Francisco Casteñeda	Sampaloc and Pandacan

METEOROLOGICAL OBSERVATIONS

DEDUCED FROM HOURLY OBSERVATIONS,

FOR MONTH OF AUGUST, TAKEN FROM "OBSERVATORIO CENTRAL DE MANILA."

Date	Barometer (*)		Temperature						Relative humidity	Wind						Sunshine		Rainfall	
	Mean		Mean		Maximum		Minimum			Prevailing direction	Total daily motion		Maximum						
													Force		Direction				
August.	Inches	mm.	C.	F.	C.	F.	C.	F.	Mean		Km.	Miles	Km.	Miles		H.	m.	Inches	mm.
1	29.781	756.42	27.2	81.0	29.4	85.0	24.2	75.6	83.5	W.	652	405	40	25	W. by S.	2	35	0.996	25.3
2	29.747	55.56	26.3	79.3	28.9	84.0	23.6	74.4	88.7	WSW.	609	378	46	29	WSW.	0	30	1.661	42.2
3	29.768	56.09	27.7	81.9	30.9	87.7	23.9	75.0	83.8	SSW.	380	236	31	19	SW.	4	40	0.142	3.6
4	29.812	57.19	27.2	81.0	31.7	89.1	22.6	72.7	83.6	WSW.	304	189	44	27	W.	5	45	0.020	0.5
5	29.817	57.34	27.4	81.3	31.1	87.9	22.7	72.9	84.1	WSW.	244	152	34	21	SW. by W.	8	30		
6	29.798	56.85	26.9	80.4	30.6	87.1	22.7	72.8	86.7	WSW.	180	112	24	15	WSW.	2	25	0.260	6.6
7	29.778	56.34	27.0	80.6	29.9	85.8	23.4	74.1	86.4	WSW.	279	173	34	21	WSW.	1	25	0.035	0.9
8	29.785	56.52	27.2	81.0	30.1	86.1	23.4	74.2	84.8	SSW., WSW.	411	255	38	24	SW. by W.	3	45	0.189	4.8
9	29.847	58.10	26.7	80.1	30.1	86.2	23.1	73.5	86.2	WSW.	404	251	46	29	WSW.	3	45	0.106	2.7
10	29.863	58.51	26.4	79.5	29.4	84.9	23.1	73.6	88.6	W.	250	155	26	16	W.	0	00	0.807	20.5
11	29.811	57.17	25.9	78.6	28.9	84.0	22.9	73.2	91.7	SW.	248	154	20	12	WSW.	0	45	1.839	46.7
12	29.802	56.94	26.3	79.3	29.4	84.9	23.0	73.4	88.8	S.	184	114	12	7	SE.	1	10	0.386	9.8
13	29.851	58.20	26.0	78.8	29.8	85.7	23.2	73.8	88.6	ESE.	196	122	17	11	S. by W.	1	30	0.528	13.4
14	29.844	58.02	25.6	78.1	29.3	84.8	22.5	72.5	90.0	SSW.	175	109	17	11	SSE.	1	15	0.339	8.6
15	29.838	57.89	26.2	79.2	30.8	87.4	22.7	72.8	89.0	SE.	136	85	21	13	W.	2	00	0.776	19.7
16	29.824	57.53	25.8	78.4	30.1	86.1	22.8	73.0	91.8	SSE.	161	100	14	9	S.	0	20	0.543	13.8
17	29.836	57.82	26.1	79.0	29.0	84.2	22.7	72.8	90.2	ESE., W.	129	80	16	10	W.	1	30	0.551	14.0
18	29.853	58.26	26.9	80.4	29.7	85.4	23.2	73.8	84.7	WSW.	261	162	32	20	WSW.	3	30	0.008	0.2
19	29.805	57.03	27.5	81.5	31.6	88.9	24.3	75.8	83.2	W., WSW	286	178	40	25	WSW.	2	40	0.043	1.1
20	29.760	55.91	26.8	80.2	30.4	86.8	23.5	74.3	86.3	S., SSW.	282	175	26	16	S.	4	05	0.327	8.3
21	29.756	55.80	26.5	79.7	29.4	85.0	22.9	73.3	86.6	SW.	353	219	36	22	WSW.	1	00	0.488	12.4
22	29.743	55.46	26.9	80.4	30.9	87.7	23.3	74.0	84.4	S., SSW.	296	184	24	15	WSW.	5	50	0.075	1.9
23	29.685	53.98	26.3	79.3	28.3	82.9	23.2	73.7	87.8	SW.	483	300	40	25	SW. by W.	3	50	0.240	6.1
24	29.694	54.23	27.1	80.8	30.0	86.0	22.8	73.0	85.1	WSW.	374	232	31	19	WSW.	8	30	0.248	6.3
25	29.785	56.52	27.8	82.0	30.6	87.0	23.9	75.0	85.4	WSW.	343	213	31	19	WSW.	5	15	0.476	12.1
26	29.863	58.50	28.2	82.8	31.3	88.4	24.3	75.8	83.8	WSW.	325	202	29	18	WSW.	6	25		
27	29.873	58.74	27.4	81.3	30.4	86.8	23.8	74.8	85.8	WSW.	244	152	24	15	WSW.	6	00	0.059	1.5
28	29.830	57.67	27.7	81.9	30.7	87.3	23.1	73.6	85.8	WSW.	288	179	29	18	WSW.	10	00	0.173	4.4
29	29.840	57.92	27.5	81.5	28.3	82.9	24.6	76.2	85.0	WSW.	456	283	34	21	WSW.	0	00	0.303	7.7
30	29.874	58.77	27.1	80.8	28.4	83.2	23.4	74.1	86.1	WSW.	476	296	36	22	WSW.	0	45	0.756	19.2
31	29.872	58.72	26.3	79.3	29.1	84.3	23.3	74.0	89.7	WSW.	514	319	43	27	W.	0	45	1.071	27.2
Mean	29.808	57.10	26.8	80.3	30.0	85.9	23.3	73.9	86.7		320.1	198.8	30.2	18.7		3	14		
Total	------	------	------	------	------	------	------	------	------	------	9923	6164	------	------	------	100	05	13.445	341.5

(*) Corrected for instrumental error and for temperature, and reduced to sea-level. Correction to standard gravity, –1.72 mm. (–0.068 inch.)

Causes of Deaths for the Month of August, 1901,

(STILL BIRTHS NOT INCLUDED.)

	Nomenclature designed for the statistics of death.	Nomenclatura para las estadisticas de defunciones.	American M.	American F.	European M.	European F.	Filipino M.	Filipino F.	Chinese M.	Chinese F.	Total
	I. GENERAL DISEASES.	**I. Enfermedades generales.**									
1	Typhoid Fever (abdominal typhus)	Fiebre tifoidea					3		1		4
2	Exanthematic typhus	Tifus exantemático									
3	Recurrent Fever	Fiebre recurrente									
4	Intermittent Fever, and Malarial Cachexia	Fiebre intermitente					6	4	2		12
4a	Malarial Cachexia	Caquexia paludica					1				1
5	Variola	Viruelas									
6	Measles	Sarampión					2				2
7	Scarlatina	Escarlatina									
8	Whooping Cough	Tos ferina						1			1
9	Diphtheria and Croup	Difteria y Crup									
9a	Diphtheria	Difteria									
10	Grippe	Gripe									
11	Miliary Fever	Fiebre miliar									
12	Asiatic, Cholera	Cólera asiático									
13	Cholera, nostras	Cólera nostras									
14	Dysentery	Disenteria	1		1		10	9	6		27
14a	Epidemic Dysentery	Disenteria epidémica									
15	Plague	Peste			1		9	7	9		26
16	Yellow Fever	Fiebre amarilla									
17	Leprosy	Lepra						1			1
18	Erysipelas	Erisipelas									
19	Other Epidemic Affections	Otras afecciones epidémicas					5	3	7		15
20	Purulent Infection and Septicæmia	Infección purulenta y septicemia				1					1
21	Glanders and Farcy	Muermo y lamparones									
22	Malignant Pustule and Anthrax	Pústula maligna y antrax									
23	Rabies	Rabia									
24	Actinomycosis, Trichinosis, etc	Actinomicosis, trichinosis etc									
25	Pellagra	Pelagra									
26	Tuberculosis of Larynx	Tuberculosis de la laringe									
27	Tuberculosis of Lungs	Tuberculosis del pulmón					43	24	13		80
28	Tuberculosis of Meninges	Tuberculosis de las meninges									
29	Tuberculosis of Abdomen	Tuberculosis abdominal						1			1
30	Pott's Disease	Mal de Pott									
31	Cold Abscess and Abscess by Congestion	Abscesos fríos y por congestión									
32	White Swellings	Tumores blancos									
33	Tuberculosis of Other Organs	Tuberculosis de otros órganos									
34	Generalized Tuberculosis	Tuberculosis generalizada									
35	Scrofula	Escrófula									
36	Syphilis	Sifilis	1								1
37	Gonorrhea of the Adult	Blenorragia en los adultos									
38	Gonococcic Infections of Children	Afecciones gonocócicas en los niños									
39	Cancer and Other Malignant Tumors of the Buccal Cavity	Cáncer ú otros tumores malignos en la cavidad bucal					1				1
40	Cancer and Other Malignant Tumors of the Stomach and Liver	Cáncer ú otros tumores malignos del estómago, é hígado									
41	Cancer and Other Malignant Tumors of Peritoneum, Intestines, and Rectum	Cáncer ú otros tumores malignos del peritoneo, intestinos y recto									
42	Cancer and Other Malignant Tumors of the Female Genitals	Cáncer ú otros tumores malignos de los órganos genitales de la mujer									
43	Cancer and Other Malignant Tumors of the Breast	Cáncer ú otros tumores malignos de la mama									
44	Cancer and Other Malignant Tumors of the Skin	Cáncer ú otros tumores malignos de la piel									
45	Cancer and Other Malignant Tumors of Other Organs and Organs not Specified	Cáncer ú otros tumores malignos en otros órganos					1				1
46	Other Tumors (Tumors of the Female Genitals excepted)	Otros tumores (exceptuándose los de los órganos genitales de la mujer)									
47	Acute, Articular, Rheumatism	Reumatismo articular agudo					1				1
48	Chronic Rheumatism, and Gout	Reumatismo crónico y gota		1				1			2
49	Scurvy	Escorbuto									
50	Diabetes	Diabetes									
51	Exophthalmic, Goiter	Bocio exoftálmico									
52	Addisson's Disease	Enfermedad bronceada de Addison									
53	Leukæmia	Leucemia					1				1
54	Anæmia, Chlorosis	Anemia, clorosis					1	1			2
55	Other General Diseases	Otras enfermedades generales					1	1			2
56	Acute Alcoholism or Chronic	Alcoholismo agudo ó crónico	1				1				2
57	Lead-Poisoning	Saturnismo									
58	Other Poisonings Incident to Occupations	Otras intoxicaciones profesionales crónicas									
59	Other Chronic Poisonings	Otros envenenamientos crónicos	1								1
	II. Diseases of the nervous system and the organs of special sense.	**II. Enfermedades del Sistema Nervioso y de los órganos de los sentidos.**									
60	Encephalitis	Encefalitis									
61	Simple Meningitis	Meningitis simple					10	17			27
61a	Epidemic Cerebro-spinal, Meningitis	Meningitis cérebro-espinal epidémica									
62	Progressive Locomotor Ataxia	Ataxia locomotriz progresiva									
63	Other Diseases of the Spinal Cord	Otras enfermedades de la médula espinal							1		1
64	Cerebral Congestion and Hemorrage	Congestión y hemorragia cerebrales					6	3	3		12
65	Cerebral Softening	Reblandecimiento cerebral									
66	Paralysis Without Apparent Cause	Parálisis sin indicación de causa									
67	General Paralysis	Parálisis generales									

	Nomenclature designed for the statistics of death.	Nomenclatura para las estadisticas de defunciones.	American M.	American F.	European M.	European F.	Philippino M.	Philippino F.	Chinese M.	Chinese F.	Total
	II.—Diseases of the Nervous System and the Organs of Special Sense.	**II.—Enfermedades del sistema nervioso y de los órganos de los sentidos.**									
68	Other Forms of Insanity	Otras formas de alienación mental									
69	Epilepsy	Epilepsia									
70	Eclampsia (nonpuerperal)	Eclampsia (no puerperal)									
71	Convulsions of Children	Convulsiones en los niños					115	81			196
72	Tetanus	Tétano					4				4
73	Chorea	Corea									
74	Other Diseases of the Nervous System	Otras enfermedades del sistema nervioso					6	4			10
75	Diseases of the Eye and its Adnexa	Enfermedades de ojos y sus anexos									
76	Diseases of the Ear	Enfermedades de los oidos									
	III. Diseases of the Circulatory System.	**III. Enfermedades del aparato circulatorio.**									
77	Pericarditis	Pericarditis									
78	Acute Endocarditis	Endocarditis aguda					1	1			2
79	Organic Disease of the Heart	Enfermedades orgánicas del corazón					4	4	2		10
80	Angina Pectoris	Angina de pecho					3	2			5
81	Affections of the Arteries (Atheroma, Aneurism, etc	Afecciones de las Arterias etc					5	1			6
82	Embolus and Thrombosis	Embolia y Trombosis						1			1
83	Affections of the Veins (Varices, Hemorrhoides, Phlebitis)	Afecciones de las venas									
84	Affections of the Lymphatic System (Lymphangitis, etc	Afecciones del sistema linfático									
85	Hemorrhages	Hemorragias									
86	Other Affections of the Circulatory System	Otras afecciones del aparato circulatorio									
	IV. Diseases of the Respiratory System.	**IV. Enfermedades del aparato respiratorio.**									
87	Diseases of the Nasal Fossæ	Enfermedades de las fosas nasales									
88	Affections of the Larynx	Afecciones de la laringe					7	2			9
89	Affections of the Thyroid Body	Afecciones del cuerpo tiroideo									
90	Acute Bronchitis	Bronquitis aguda					17	24			41
91	Chronic Bronchitis	Bronquitis crónica					9	9			18
92	Broncho-Pneumonia	Bronco-pneumonia						1			1
93	Pneumonia	Pneumonia	1					2			3
94	Pleurisy	Pleuresia					1				1
95	Pulmonary Congestion and Apoplexy	Congestion y apoplegia pulmonares					2	1	1		4
96	Gangrene of the Lungs	Gangrena del pulmón									
97	Asthma	Asma									
98	Pulmonary Emphysema	Enfisema pulmonar									
99	Other Diseases of the Respiratory System (Phthisis excepted)	Otras enfermedades del aparato respiratorio (exceptuándose la tisis)									
	V. Diseases of Digestive System.	**V. Enfermedades del aparato digestivo.**									
100	Affections of the Mouth and its Adnexa	Afecciones de la boca y de sus anexos									
101	Affections of the Pharynx	Afecciones de la faringe									
102	Affections of the Esophagus	Afecciones del esófago									
103	Ulcer of the Stomach	Ulcera del estómago									
104	Other Affections of the Stomach (Cancer excepted)	Otras afecciones del estómago (exceptuándose el cáncer)					5	1			6
105	Diarrhea and Enteritis (under 2 years)	Diarrea y enteritis (en niños menores de 2 años)		1			18	6			25
105a	Chronic Diarrhea and Enteritis	Diarrea y enteritis crónica				1	25	32	2		60
106	Diarrhea and Enteritis (2 years and over)	Diarrea y enteritis (en niños de 2 ó más años)					7	19	1		27
107	Intestinal Parasites	Parásitos intestinales									
108	Hernias; Intestinal Obstructions	Hernias; obstrucciones intestinales									
109	Other Affections of the Intestines	Otras afecciones del intestino					2				2
110	Acute Yellow Atrophy of the Liver	Ictericia grave									
111	Hydatid Tumors of the Liver	Tumores hidátidicos del higado					1				1
112	Cirrhosis of the Liver	Cirrosis del higado									
113	Biliary Calculi	Cálculos biliares									
114	Other Affections of the Liver	Otras afecciones del higado									
115	Affections of the Spleen	Afecciones del bazo							1		1
116	Simple Peritonitis (Puerperal excepted)	Peritonitis simple (exceptuándose la puerperal)									
117	Other Affections of the Digestive System (Cancer and Tuberculosis excepted)	Otras afecciones del aparato digestivo (exceptuándose el cáncer y tuberculosis)									
118	Appendicitis and Abscess of the Iliac Fossa	Apendicitis y filemón de la fosa iliaca									
	VI. Diseases of the Genito-Urinary System and its Adnexa.	**VI. Enfermedades del aparato génito urinario y de sus adnexos.**									
119	Acute Nephritis	Nefritis aguda						1	1		2
120	Bright's Disease	Mal de Bright									
121	Other Diseases of the Kidneys and their Adnexa	Otras enfermedades de los riñones y de sus anexos						2			2
122	Calculi of the Urinary Tract	Cálculos de las vias urinarias						1			1
123	Diseases of the Bladder	Enfermedades de la vegiga						1			1
124	Diseases of the Urethra, Urinary Abscess, etc	Enfermedades de la uretra									
125	Diseases of the Prostate	Enfermedades de la próstata									
126	Nonvenereal Diseases of the Male Genital Organs	Enfermedades no venereas de los órganos genitales del hombre									
127	Metritis	Metritis									
128	Uterine Hemorrhage (nonpuerperal)	Hemorragia uterina (no puerperal)									
129	Tumor, Uterine (noncancerous)	Tumor uterino (no canceroso)									
130	Other Diseases of the Uterus	Otras enfermedades del útero									
131	Cysts and Other Tumors of the Ovary	Quistes y otros tumores del ovario									
132	Other Diseases of the Female Genital Organs	Otras enfermedades de los órganos genitales de la mujer						1			1
133	Nonpuerperal Diseases of the Breast (Cancer excepted)	Enfermedades no puerperales de la mama (exceptuándose el cáncer)									

VITAL STATISTICS FOR MONTH OF AUGUST, 1901.

	Nomenclature designed for the statistics of death.	Nomenclatura para las estadisticas de defunciones.	American M.	American F.	Chinese M.	Chinese F.	Filipino M.	Filipino F.	Other M.	Other F.	Total
	VII.	**VII.**									
	The Puerperal State.	**Estado puerperal.**									
134	Accidents of Pregnancy	Accidentes de la preñez									
135	Puerperal Hemorrhage	Hemorragia puerperal						2			2
136	Other Accidents of Labor	Otros accidentes del parto									
137	Puerperal Septicæmia	Septicemia puerperal									
138	Albuminuria and Puerperal Eclampsia	Albuminuría y eclampsia puerperales						1			1
139	Puerperal Phlegmasia Alba Dolens	Flegmasia alba dolens puerperal									
140	Other Puerperal Accidents–Sudden Death	Otros accidentes puerperales: Muerte repentina									
141	Puerperal Diseases of the Breast	Enfermedades puerperales de la mama									
	VIII.	**VIII.**									
	Diseases of the Skin and Cellular Tissue.	**Enfermedades de la piel y del tejido celular.**									
142	Gangrene	Gangrena					1				1
143	Furuncle	Forúnculo									
144	Warm-acute Abscess	Abscesos calientes agudos									
145	Other Diseases of the Skin and its Adnexa	Otras enfermedades de la piel									
	IX.	**IX.**									
	Diseases of the Organs of Locomotion.	**Enfermedades de los órganos de la locomoción.**									
146	Affections of the Bones (nontuberculous)	Afecciones de los huesos (exceptuando la tuberculosis)									
147	Diseases of the Joints (Tuberculosis and Rheumatism excepted)	Afecciones de las articulaciones (exceptuando la tuberculosis y el reumatismo)									
148	Amputation	Amputación									
149	Other Affections of the Organs of Locomotion	Otras afecciones de los órganos de la locomoción									
	X.	**X.**									
	Malformations.	**Vicios de conformación.**									
150	Congenital Malformations (Stillbirths excepted)	Vicios de conformación congénitos (exceptuándose los de niños nacidos muertos)					1	1			2
	XI.	**XI.**									
	Early Infancy.	**Primera infancia.**									
151	Congenital Debility Icterus and Sclerema	Debilidad congénita, ictericia y esclerema					3	3			6
152	Other Special Diseases of Early Infancy	Otras enfermedades especiales de la primera edad					1	3			4
153	Lack of Care	Falta de cuidados									
	XII.	**XII.**									
	Old age.	**Vejez.**									
154	Senile Debility	Debilidad senil					3	6			9
	XIII.	**XIII.**									
	Affections Produced by External Causes.	**Afecciones producidas por causas exteriores.**									
155	Suicide by Poison	Suicidio por envenenamiento									
156	Suicide by Asphyxia	Suicidio por asfixia									
157	Suicide by Hanging or Strangulation	Suicidio por suspensión ó por extrangulación					1				1
158	Suicide by Submersion	Suicidio por submersión									
159	Suicide by Firearms	Suicidio por armas de fuego					1				1
160	Suicide by Cutting Instruments	Suicidio por instrumentos cortantes							1		1
161	Suicide by Jumping from High Place	Suicidio por dejarse caer desde un punto elevado									
162	Suicide by Crushing	Suicidio por aplastamiento									
163	Other Suicides	Otros suicidios					2				2
164	Fractures	Fracturas									
165	Dislocations	Luxaciones									
166	Other Accidental Traumatisms	Otros traumatismos accidentales						1	1		2
167	Burns	Quemaduras por el fuego									
168	Burning by Corrosive Substances	Quemaduras por substancias corrosivas									
169	Insolation	Insolación									
170	Freezing	Congelación									
171	Electrical Shocks	Commoción eléctrica					2				2
172	Accidental Submersion	Submersión accidental					1				1
173	Inanition	Inanición									
174	Inhalation of Deleterious Gases (Suicide excepted)	Absorción de gases deletéreos									
175	Other Acute Poisonings	Otros envenenamientos agudos						1			1
176	Other External Violence	Otras violencias exteriores									
	XIV.	**XIV.**									
	Ill-defined Diseases.	**Enfermedades mal definidas.**									
177	Dropsy	Hidropesía									
178	Sudden Death	Muerte repentina					1				1
179	Unspecified or Ill-defined Causes of Death	Causas de muerte no especificadas ó mal definidas									
	Total		5	2	2	2	[illegible]	[illegible]	[illegible]		[illegible]
	Grand Total		7		4		[illegible]		[illegible]		[illegible]

DEATHS BY AGE.

Under 30 days	72
30 days to 1 year	215
1 year to 2 years	63
2 years to 5 years	58
5 years to 10 years	22
10 years to 15 years	11
15 years to 20 years	21
20 years to 25 years	33
25 years to 30 years	32
30 years to 40 years	53
40 years to 50 years	32
50 years to 60 years	38
60 years to 70 years	28
70 years to 80 years	9
80 years to 90 years	7
90 years to 100 years	8
Total	702

Still-births 14.

Number of deaths with medical attendance	240
Number of deaths without medical attendance	411
Number of deaths, Chinese	51
Total	702

DEATHS BY DISTRICTS.

Walled City	68
Binondo	51
San Nicolas	93
Tondo	144
Santa Cruz	139
Quiapo	41
Sampaloc	42
San Miguel	24
Paco	41
Ermita	25
Malate	15
Pandacan	19
Total	702

Still-births 14.

DEATHS BY NATIONALITIES.

	Population.	No. Deaths.	Rate per 1,000
Philippino	186,619	639	40.34
Chinese	51,567	52	11.65
American and Foreign	11,814	11	11.96
Total	250,000	702	33.08

Comparative Mortality from October 1, 1899, to August 31, 1901.

MONTH.	1899.		1900.		1901.	
	No. Deaths.	Annual Death rate per 1000.	No. Deaths.	Annual Death rate per 1000.	No. Deaths.	Annual Death rate per 1000.
October	1184	57.08	961	46.23	—	—
November	1235	61.39	976	48.48	—	—
December	1162	55.90	905	43.54	—	—
January	—	—	1055	50.65	753	36.22
February	—	—	884	47.08	689	36.69
March	—	—	887	42.67	885	42.67
April	—	—	805	40.02	886	44.04
May	—	—	732	35.21	903	43.44
June	—	—	599	29.79	621	30.89
July	—	—	787	37.09	608	28.46
August	—	—	773	36.43	702	33.08

Summary of Statistics of Births and Deaths.

Population, census (Health Department)	250,000
Mortality for the month of August	702
Annual death rate per 1000 for month of August	33.08
*Births reported	420
Annual birth rate (based on reports)	19.79

*Incomplete.

Monthly Statement from U. S. Office of Identification Morgue, Manila, P. I., August, 1901.

	Officers.	Soldiers.	Civilian Employees.	Native Employees.	American Women.	TOTAL.
Number of deaths in City of Manila	0	14	7	0	2	23
Number of bodies received from various posts in the Archipelago	1	1	4	0	0	6
Number of burials in the National Cemetery	0	1	10	0	0	11
Number of bodies embalmed and shipped to the United States	1	14	1	0	2	18
Number of remains disinterred in Manila (National Cemetery) for shipment to United States	0	0	0	0	0	0
Number of bodies buried in Paco Cemetery	0	0	0	0	2	2

BURIALS, AUGUST, 1901.

CEMETERIES.	No.
Loma [Government]	208
Paco General [Government]	33
Santa Cruz	9
Balic-balic	74
Binondo	18
Tondo	216
Maytubig	35
Malate	32
Pandacan	17
Chinese	57
Crematory	12
Santa Ana	2
American National Cemetery	0
U. S. Morgue	3
TOTAL	716

14 of above were still births.

CREMATORIES.

AUGUST, 1901.	Cart loads of refuse consumed.	Carcasses of horses consumed.	Carcasses of mules consumed.	Carcasses of carabaos consumed.	Carcasses of cows consumed.	Carcasses of small animals consumed.
Paco	2334	178	17	9	3	31
Santa Cruz	1976	223	2	48	9	258
TOTAL	4310	401	19	57	12	289

VETERINARY DIVISION.

WILLIAM W. RICHARDS, V. S. City Veterinarian.
JOHN G. SLEE, D. V. S. Ass. City Veterinarian.

On arrival in City.	Number of cattle inspected	863
	Number of hogs inspected	3,848
	Number of carabaos inspected	59
	Number of sheep inspected	37
	Number of goats inspected	59
	Number of horses inspected	296
In Government Slaughterhouse	Number of cattle slaughtered	1,540
	Number of hogs slaughtered	4,658
	Number of cattle condemned and cremated	1
	Number of hogs condemned and cremated	70
Number of horses condemned for glanders		64

DISINTERMENTS, AUGUST, 1901.

Santa Cruz Cemetery	4
Paco Cemetery	2
Chinese Cemetery (for removal to China)	4
Binondo Cemetery	1
TOTAL	11

DIVISION OF INSPECTION.

Number of inspections and re-inspections	29,227
Number of complaints by citizens	40
Number of adverse reports made by inspectors	9,641
Number of notices served	563
Legal proceedings instituted for non-compliance with notice served	1
Number of permits issued to clean vaults, drains, etc.	289
Number of houses in which rat poison was distributed (Prevent spread of bubonic plague)	0
Houses disinfected	43
Premises cleaned	385
Special inspections by chief	31
Wells closed	300
Barrels of night soil ~~[illegible]~~ conveyed to sea	4,417

VACCINE INSTITUTE.

SATURNINO ESPEJO, DIRECTOR.

Vaccine virus issued during month ending August 31, 1901.

Army	7,270 units
Navy	3,000 units
Inhabitants of the Archipelago [excluding Manila]	51,100 units
Inhabitants of Manila	2,845 units
TOTAL	64,215 units
Number of young carabaos used in preparation of virus	6

VACCINATION, AUGUST, 1901.

	Walled City.	Binondo.	San Nicolas.	Tondo.	Santa Cruz.	Quiapo.	San Miguel.	Sampaloc.	Paco.	Ermita.	Malate.	TOTAL.
Children	102	70	170	179	155	108	103	232	161	65	77	1422
Adult	236	255	152	88	82	141	141	107	86	48	87	1428
TOTAL	338	325	322	267	237	249	244	339	247	113	164	2850

Statement of Bubonic Plague for Month Ending August 31, 1901.

No. Cases Remaining from July, 1901.					No. of New Cases.					No. Deaths.					No. Discharged.					No. Remaining.				
American	Philippino	Spanish	Chinese	Total	American	Philippino	Spanish	Chinese	Total	American	Philippino	Spanish	Chinese	Total	American	Philippino	Spanish	Chinese	Total	American	Philippino	Spanish	Chinese	Total
0	5	0	3	8	0	16	1	12	29	0	16	1	9	26	0	5	0	5	10	0	0	0	1	1

Comparative Statement for Corresponding Period, August, 1900.

No. Cases Remaining from July, 1900.					No. of New Cases.					No. Deaths.					No. Discharged.					No. Remaining.				
American	Philippino	Spanish	Chinese	Total	American	Philippino	Spanish	Chinese	Total	American	Philippino	Spanish	Chinese	Total	American	Philippino	Spanish	Chinese	Total	American	Philippino	Spanish	Chinese	Total
0	4	0	5	9	1	9	0	8	18	0	6	0	5	11	0	3	0	2	5	1	5	0	5	11

Report from Laboratory for Month of August, 1901.

Sixty examinations were made, these were divided as follows:

10 ..... blood.
25 ..... sputa.
20 ..... urine.
3 ..... fæces.
1 ..... specimen of milk.
1 ..... specimen of tumor.

Ten specimens blood were examined, six of these were for the Widal reaction, two of which were positive. Four were for the plasmodia malaria, of these three were negative and the other showed the tertian parasite.

Twenty-five specimens of sputum were examined for the tubercle bacillus, six which were positive.

Twenty specimens of urine were examined, six showed albumen, four showed hyaline casts, three numerous pus cells, and one red blood corpuscles.

Three specimens of fæces were examined for the amœbæ dysentericæ, these were all negative.

A specimen of milk obtained from a mother nursing a child was sent to the laboratory for microscopical and bacteriological examination.

This milk showed a large amount of bacteria, but as the milk had been brought to the laboratory in an unsterilized glass and the top covered with an old piece of newspaper, no attempt was made to separate and identify the bacteria present. The microscopical examination showed nothing beyond a large amount of bacteria and a few epithelial cells.

A portion of a tumor of the uterus removed from a patient in one of the city hospitals and sent to the laboratory for microscopical examination proved to be a carcinoma.

GENERAL LIBRARY,
UNIV. OF MICH.
AUG 30 1905

MONTHLY REPORT

OF THE

Board of Health for the Philippine Islands

AND

CITY OF MANILA.

SEPTEMBER, 1901.

TO HIS EXCELLENCY HON. W. H. TAFT, CIVIL GOVERNOR.

BOARD OF HEALTH.

Maj. L. M. MAUS, M. D., U. S. Army, Commissioner of Public Health.

Maj. FRANKLIN A. MEACHAM, M. D., U. S. Army.
Chief Health Inspector.

C. M. MEAD, B. S.,
Sanitary Engineer.

P. C. FREER, M. D., Ph. D.,
Superintendent Government Laboratories.

MANUEL GOMEZ MARTINEZ, M. D.,
Secretary.

MANILA:
BUREAU OF PUBLIC PRINTING.
1904.

12308

LETTER OF TRANSMITTAL.

OFFICE OF THE BOARD OF HEALTH FOR THE
PHILIPPINE ISLANDS AND CITY OF MANILA,
Manila, P. I., October 14, 1901.

SIR: I have the honor to submit herewith the report of the Board of Health for the Philippine Islands and city of Manila for the month of September, 1901. So far no vital statistics have been received from the towns in the provinces, but it is hoped that as soon as municipal and provincial boards of health are established this information may be obtained.

The act creating the Board of Health for the Philippine Islands was passed by the Civil Commission July 1, 1901, but did not go into effect until August 7, on which date the Board of Health under the control of the Provost-Marshal-General of the city of Manila was turned over to the civil authorities.

As organized the Board of Health consists of a Commissioner of Public Health, Sanitary Engineer, Chief Health Inspector, Superintendent of Government Laboratories, and a Secretary. The Chief Surgeon of the Division, Chief Quarantine Officer of the Marine-Hospital Service, and the president and vice-president of the Association of Physicians and Pharmacists of the Philippine Islands are honorary members of the Board but not entitled to a vote.

Since its creation the Board has reorganized the sanitary corps of the city of Manila, which now consists of twelve chief and thirty-three sanitary inspectors, with authority to double the latter during epidemics or in case of special necessity.

One chief sanitary inspector with two or three assistants is assigned to each of the twelve districts of the city, and provided with a station or office, where he can be found at a certain hour during the day by a medical inspector, who is detailed to visit them at certain hours for the purpose of submitting instructions or receiving reports. The sanitary corps is required to make house-to-house inspections, reporting the condition of the same daily to the Chief Health Inspector of the Board. In case plague or other contagious diseases are found the matter is at once reported to the Board of Health and investigated by a medical inspector. The sanitary corps is authorized to leave a health notice in each house where proper sanitary conditions are not found and to require the occupants to make such necessary changes within a prescribed time. On account of noncompliance with these orders, a number of arrests were made and fines imposed. Municipal physicians are likewise required to submit sanitary reports to the Board of Health; also special reports in regard to diseases of an infectious or contagious nature which may come under their observation.

The sanitary condition of Manila is not satisfactory, and, in my opinion, will never become so until it is supplied with a satisfactory sewer system and a large number of the buildings subjected to alteration and remodeling. The city of Manila is located on a flat tract of land lying at the mouth of the Pasig River, which divides it into two almost equal halves. The land constituting its site consists of an alluvial deposit, the accretion of years. In addition to the river, which flows through it, the city is cut up into a number of subsections by natural or artificial esteros or waterways, which are connected with the river and bay. These esteros as a rule are tortuous in their course and unwalled, and into them empty a number of private water-closets. As a rule, the foundations of all buildings in the city of Manila consist of ordinary sandstone or a manufactured stone laid on the ground, without further preparation, and the walls built up without cement protection. As a result of this method of construction, a majority of the lower stories are water-soaked from six to eight feet above the ground, varying in distance in accordance with the dryness of the site. A number of systems are employed for the collection and disposal of night soil, among which may be mentioned cesspools, stone vaults, sewer systems connected with the river, esteros, or bay, and the dry-earth system. In view of the fact that the present methods of disposal of night soil are unsatisfactory, the Board has recommended the introduction of the pail system until a proper sewer system can be instituted in the city.

PLAGUE, SMALLPOX, AND OTHER CONTAGIOUS DISEASES.

Bubonic plague was first discovered in Manila in December, 1899, and since that date up to the present 778 cases have occurred, resulting in 618 deaths or 79.4 per cent. Every case discovered in the city at present is sent to the plague hospital as soon as the diagnosis has been verified by blood examination, and the bodies of those found dead sent there for cremation, unless the friends inter such cases in hermetically sealed metallic caskets, in compliance with the directions of the Board. A large proportion of cases are found after death, and similar microscopical examinations of these are also made. In order to exclude the possibility of any case escaping the vigilance of the Board all deaths reported by physicians in the city where there is a suspicion of plague are examined by one of the medical inspectors of the board. Great attention is now being paid to the destruction of rats, which are believed to be the principal cause of the spread of the disease. Three thousand dollars was appropriated by the Commission for the catching of rats by means of traps, but so far only a small number have been secured in this way. Quite recently a corps of rat catchers has been organized, consisting of forty natives, who are divided into squads of two and provided with buckets for holding disinfecting solutions, the collection of dead rats, vessels for ratsbane, etc. The rat catchers are distributed among the twelve districts of the city and directed to set the ratsbane in certain sections, beginning not earlier than half past 8 p. m., and to collect the same the following morning, beginning not later than 5 a. m. Dead rats found in houses or premises are at once dropped into the carbolic solution, and afterwards tagged with the number of house and street and sent to the Laboratory for microscopical examination. Houses or premises where plague occurs or where dead rats affected with plague have been found are subjected to a rigid disinfection, such houses being closed for from thirty to sixty days or until they are considered safe for reoccupancy.

But five cases of death have occurred from smallpox in Manila during the last fiscal year, and it is believed that the city may be regarded as free from that disease. During the past two months two cases imported from the southern islands were found on shipboard by the Marine-Hospital Service and transferred to the smallpox hospital for care and treatment. Great care has been taken in regard to public vaccination within the city, and it is believed that the population at present is practically immune.

Pulmonary tuberculosis is found to be very common among a certain class of the citizens, 160 deaths having occurred alone during the past two months from this disease. This question is regarded as an exceedingly serious one, and in order to secure proper vital statistics in regard to this disease a blank form has been printed for circulation by the physicians, sanitary inspectors, and others of the city. It is believed that the ultimate organization of a consumptive colony outside of the city will become necessary in the near future, as this disease occurs principally among the very poor and those who live in the crowded districts and under poor sanitary conditions.

Scarlet fever and diphtheria are very rare in Manila, but measles is occasionally reported.

Four hundred and thirty-five births were reported during the month of September, but it is believed that this amount does not represent more than 50 per cent of the births during that period. So far it has been impossible to secure proper statistics of the birthrate, as a large number of these occur without the assistance of physicians or midwives.

At present hospitals for the accommodation of lepers are in operation in Manila, Cebu, Palestina, and Bacolod, containing in all about 500 cases. A number of reports have been received from the governors and secretaries of the various provinces regarding lepers requesting assistance. With a view to the support of these isolated cases, an appropriation has been submitted to the Commission for necessary funds. Various estimates of from 10,000 to 30,000 have been placed upon the number of lepers living in the Archipelago, but from information received from various sources I am inclined to believe that the number is less than 12,000. In order to secure definite statistics a blank form has been forwarded to the secretaries of the various provinces and to medical officers and others for the collection of this data, and it is hoped that within from thirty to sixty days the approximate number will be ascertained.

The care of lepers in the hospitals throughout the Archipelago may be regarded as simply tentative; and it is hoped that during the coming year a permanent colony will be established for them on some suitable island sufficiently distant from the mainland to prevent return to their homes.

RINDERPEST AND THE LOCUST PLAGUE.

Rinderpest has been prevalent among the carabao and cattle of the Philippine Islands for a number of years, and as a result a large number of these animals has been destroyed. The Board of Health has taken the matter up and has sent experts into a number of the provinces for the purpose of teaching intelligent natives the

method of making post-mortem examinations on animals dying of the disease, collecting gall and inoculating animals suffering from the disease or for their immunization by serum. The most marked beneficial results have been obtained by these methods, and it is believed that in time the disease will be eradicated from the Archipelago.

The locust pest has likewise infested the Archipelago for a number of years, in certain instances destroying the crops in a number of provinces and islands and resulting in a great deal of suffering among the inhabitants. Fungus for the destruction of locusts has been introduced in a large number of the provinces, resulting in some instances in the destruction of the swarms. In certain localities reports have been received that drinking water infected by dead locusts poisoned by the fungus caused intestinal disturbances among the natives. Letters have been written to the Secretary of Agriculture, Washington, D. C., and the Board of Health, Natal, Africa, for specimens of the fungus used in those countries for the destruction of locusts.

A NEW EPIDEMIC DISEASE AFFECTING HORSES IN THE ARCHIPELAGO CAUSED BY A BLOOD SPIRILLUM.

Since the invasion of the wet season a large number of horses have been reported suffering from a febrile disease resulting in a great mortality. This disease has been found generally present throughout the Island of Luzon, and in several localities all the native horses have died from it. A large number of Government horses have also been affected with this disease, but the mortality among them has not been so great as among native horses.

As a rule the disease appears suddenly and is not noted until too late to treat the animals. It is characterized by the following symptoms: Rise of temperature from 103 to 107, apparently without chill, increased abdominal breathing, and full pulse. The temperature is rapidly followed by swellings or pads under the belly, in the sheath, testicles, and legs, and accompanied by heart failure and death in a number of cases. At times the disease is attended by emaciation and may be accompanied by a convalescence of several months.

Dr. Muecke, the veterinarian of the Government corral in this city, has noticed the disease for several seasons and states that it is known as "calentura" among the natives.

On post-mortem examination the organs and tissues, as a rule, are anæmic; in some cases abscesses are noted in the stomach and abdominal cavities, the pericardial sac and pleural cavities are always full of a serous fluid, but with no appearance of inflammatory changes. Ante-mortem clots are found in the heart. There is a general discoloration of the tissues, especially of the intima of the blood vessels, which are of a diffuse redness throughout the body. The liver shows fatty degeneration and cloudy swellings; the kidneys are large and white, the cortex thickened, and spleen atrophied. It does not seem probable that the disease is of a contagious nature, for in stables where there are a number of horses several may be affected while others remain immune.

Microscopical examination shows an animal parasite, a spirillum, about twice the length of a red blood corpuscle and about one-half the width of the same. The parasite shows active and definite movement and shows pseudopodia along the sides. It was observed that most of the parasites contained two or more dark granules scattered through their substance. The disease has proven to be an exceedingly interesting one and is being investigated by the Board of Health, under the direction of the Superintendent of Government Laboratories. A large number of specimens of blood taken from animals affected with the disease are at present being examined.

Very respectfully,

L. M. Maus,
Major and Surgeon, United States Army,
Commissioner of Public Health.

The Executive Secretary of the Governor of the Philippine Islands.

CAUSES OF DEATHS FOR THE MONTH OF SEPTEMBER, 1901.

(STILLBIRTHS NOT INCLUDED.)

	Nomenclature Designed for the Statistics of Death.	Nomenclatura para las Estadísticas de Defunciones.	Americans.		Europeans.		Filipino.		Chinese.		Total.
			M.	F.	M.	F.	M.	F.	M.	F.	
	I.	**I.**									
	General Diseases.	**Enfermedades Generales.**									
1	Typhoid fever (abdominal typhus)	Fiebre tifoidea					5	4			9
2	Exanthematic typhus	Tifus exantemático									
3	Recurrent fever	Fiebre recurrente									
4	Intermittent fever and malarial cachexia	Fiebre intermitente				1	3	3	1		8
4a	Malarial cachexia	Caquexia palúdica					2	3			5
5	Variola	Viruelas									
6	Measles	Sarampión					1	1			2
7	Scarlatina	Escarlatina									
8	Whooping cough	Tos ferina									
9	Diphtheria and croup	Difteria y crup									
9a	Diphtheria	Difteria									
10	Grippe	Gripe									
11	Miliary fever	Fiebre miliar									
12	Asiatic cholera	Cólera asiático									
13	Cholera nostras	Cólera nostras									
14	Dysentery	Disentería	1		1		6	5	3		16
14a	Epidemic dysentery	Disentería epidémica									
15	Plague	Peste					5		7		12
16	Yellow fever	Fiebre amarilla									
17	Leprosy	Lepra					3				3
18	Erysipelas	Erisipelas						1			1
19	Other epidemic affections (beriberi)	Otras afecciones epidémicas (beriberi)					7	8	7		22
20	Purulent infection and septicæmia	Infección purulenta y septicemia									
21	Glanders and farcy	Muermo y lamparones									
22	Malignant pustule and anthrax	Pústula maligna y antrax						1			1
23	Rabies	Rabia									
24	Actinomycosis, trichinosis, etc	Actinomicosis, trichinosis, etc									
25	Pellagra	Pelagra									
26	Tuberculosis of larynx	Tuberculosis de la laringe									
27	Tuberculosis of lungs	Tuberculosis del pulmón	1				34	31	5		71
28	Tuberculosis of meninges	Tuberculosis de las meninges				1	2				3
29	Tuberculosis of abdomen	Tuberculosis abdominal					1				1
30	Pott's disease	Mal de Pott									
31	Cold abscess and abscess by congestion	Abscesos fríos y por congestión									
32	White swellings	Tumores blancos									
33	Tuberculosis of other organs	Tuberculosis de otros órganos									
34	Generalized tuberculosis	Tuberculosis generalizada									
35	Scrofula	Escrófula									
36	Syphilis	Sífilis									
37	Gonorrhea of the adult	Blenorragia en los adultos									
38	Gonococcic infections of children	Afecciones gonocócicas en los niños									
39	Cancer and other malignant tumors of the buccal cavity.	Cáncer ú otros tumores malignos en la cavidad bucal									
40	Cancer and other malignant tumors of the stomach and liver.	Cáncer ú otros tumores malignos del estómago é hígado.						1			1
41	Cancer and other malignant tumors of peritoneum, intestines, and rectum.	Cáncer ú otros tumores malignos del peritoneo, intestinos y recto.									
42	Cancer and other malignant tumors of the female genitals.	Cáncer ú otros tumores malignos de los órganos genitales de la mujer.									
43	Cancer and other malignant tumors of the breast	Cáncer ú otros tumores malignos de la mama									
44	Cancer and other malignant tumors of the skin	Cáncer ú otros tumores malignos de la piel									
45	Cancer and other malignant tumors of other organs and organs not specified.	Cáncer ú otros tumores malignos en otros órganos									
46	Other tumors (tumors of the female genitals excepted.)	Otros tumores (exceptuándose los de los órganos genitales de la mujer.)									
47	Acute, articular rheumatism	Reumatismo articular agudo					1				1
48	Chronic rheumatism, and gout	Reumatismo crónico y gota						1			1
49	Scurvy	Escorbuto						1			1
50	Diabetes	Diabetes					1				1
51	Exophthalmic goiter	Bocio exoftálmico									
52	Addisson's disease	Enfermedad bronceada de Addison									
53	Leukæmia	Leucemia						1			1
54	Anæmia chlorosis	Anemia, clorosis	1					2			3
55	Other general diseases	Otras enfermedades generales									
56	Acute alcoholism, or chronic	Alcoholismo agudo ó crónico									
57	Lead poisoning	Saturnismo									
58	Other poisonings incident to occupations	Otras intoxicaciones profesionales crónicas									
59	Other chronic poisonings	Otros envenenamientos crónicos									
	II.	**II.**									
	Diseases of the Nervous System and the Organs of Special Sense.	**Enfermedades del Sistema Nervioso y de los Órganos de los Sentidos.**									
60	Encephalitis	Encefalitis					2	2			4
61	Simple meningitis	Meningitis simple					17	16			33
61a	Epidemic cerebro-spinal meningitis	Meningitis cérebro-espinal epidémica									
62	Progressive locomotor ataxia	Ataxia locomotriz progresiva									
63	Other diseases of the spinal cord	Otras enfermedades de la médula espinal									
64	Cerebral congestion and hemorrhage	Congestión y hemorragia cerebrales					5	4			9
65	Cerebral softening	Reblandecimiento cerebral									
66	Paralysis without apparent cause	Parálisis sin indicación de causa									
67	General paralysis	Parálisis generales					1	1			2

CAUSES OF DEATHS FOR THE MONTH OF SEPTEMBER, 1901—Continued.

	Nomenclature Designed for the Statistics of Death.	Nomenclatura para las Estadísticas de Defunciones.	American. M.	American. F.	European. M.	European. F.	Filipino. M.	Filipino. F.	Chinese. M.	Chinese. F.	Total.
	II.—Diseases of the Nervous System and the Organs of Special Sense.	**II.—Enfermedades del Sistema Nervioso y de los Órganos de los Sentidos.**									
68	Other forms of insanity	Otras formas de alineación mental									
69	Epilepsy	Epilepsia						1			1
70	Eclampsia (nonpuerperal)	Eclampsia (no puerperal)					14	6	1		21
71	Convulsions of children	Convulsiones en los niños					145	94			239
72	Tetanus	Tétano					2	3			5
73	Chorea	Corea									
74	Other diseases of the nervous system	Otras enfermedades del sistema nervioso					4	7			11
75	Diseases of the eye and its adnexa	Enfermedades de ojos y sus anexos									
76	Diseases of the ear	Enfermedades de los oídos									
	III.	**III.**									
	Diseases of the Circulatory System.	**Enfermedades del Aparato Circulatorio.**									
77	Pericarditis	Pericarditis					2				2
78	Acute endocarditis	Endocarditis aguda					6	3			9
79	Organic disease of the heart	Enfermedades orgánicas del corazón					4	3			7
80	Angina pectoris	Angina de pecho					3				3
81	Affections of the arteries (atheroma, aneurism, etc.)	Afecciones de las arterias, etc					4	1			5
82	Embolus and thrombosis	Embolia y trombosis						1			1
83	Affections of the veins (varisis, hemorrhoides, phlebitis)	Afecciones de las venas									
84	Affections of the lymphatic system (lymphangitis, etc	Afecciones del sistema linfático									
85	Hemorrhages	Hemorragias									
86	Other affections of the circulatory system	Otras afecciones del aparato circulatorio									
	IV.	**IV.**									
	Diseases of the Respiratory System.	**Enfermedades del Aparato Respiratorio.**									
87	Diseases of the nasal fossæ	Enfermedades de las fosas nasales									
88	Affections of the larynx	Afecciones de la laringe					5	4			9
89	Affections of the thyroid body	Afecciones del cuerpo tiroideo									
90	Acute bronchitis	Bronquitis aguda					31	23	1		55
91	Chronic bronchitis	Bronquitis crónica					7	9			16
92	Broncho-pneumonia	Bronco-pneumonía						2			2
93	Pneumonia	Pneumonía						1	1		2
94	Pleurisy	Pleuresía							1		1
95	Pulmonary congestion and apoplexy	Congestión apoplegía pulmonares				1	4	1	1		7
96	Gangrene of the lungs	Gangrena del pulmón									
97	Asthma	Asma						1			1
98	Pulmonary emphysema	Enfisema pulmonar						2			2
99	Other diseases of the respiratory system (phthisis excepted).	Otras enfermedades del aparato respiratorio (exceptuándose la tisis).									
	V.	**V.**									
	Diseases of Digestive System.	**Enfermedades del Aparato Digestivo.**									
100	Affections of the mouth and its adnexa	Afecciones de la boca y de sus anexos									
101	Affections of the pharynx	Afecciones de la faringe									
102	Affections of the esophagus	Afecciones del esófago									
103	Ulcer of the stomach	Ulcera del estómago					1				1
104	Other affections of the stomach (cancer excepted)	Otras afecciones del estómago (exceptuándose el cáncer).						3			3
105	Diarrhea and enteritis (under 2 years)	Diarrea y enteritis (en niños menores de 2 años)					13	16			29
105a	Chronic diarrhea and enteritis	Diarrea y enteritis crónica					18	20	4		42
106	Diarrhea and enteritis (2 years and over)	Diarrea y enteritis (en niños de 2 ó más años)					12	12	1		25
107	Intestinal parasites	Parásitos intestinales									
108	Hernias; intestinal obstructions	Hernias; obstrucciones intestinales							1		1
109	Other affections of the intestines	Otras afecciones del intestino					1				1
110	Acute yellow atrophy of the liver	Ictericia grave									
111	Hydatid tumors of the liver	Tumores hidátidicos del hígado									
112	Cirrhosis of the liver	Cirrosis del hígado					4	1			5
113	Biliary calculi	Cálculos biliares									
114	Other affections of the liver	Otras afecciones del hígado					1				1
115	Affections of the spleen	Afecciones del bazo									
116	Simple peritonitis (puerperal excepted)	Peritonitis simple (exceptuándose la puerperal)									
117	Other affections of the digestive system (cancer and tuberculosis excepted).	Otras afecciones del aparato digestivo (exceptuándose el cáncer y tuberculosis).									
118	Appendicitis and abscess of the iliac fossa	Apendicitis y filimón de la fosa iliaca						1			1
	VI.	**VI.**									
	Diseases of the Genito-Urinary System and its Adnexa.	**Enfermedades del Aparato Génito Urinario y de sus Anexos.**									
119	Acute nephritis	Nefritis aguda						1	1		2
120	Bright's disease	Mal de bright					1				1
121	Other diseases of the kidneys and their adnexa	Otras enfermedades de los riñones y de sus anexos									
122	Calculi of the urinary tract	Cálculos de las vías urinarias									
123	Diseases of the bladder	Enfermedades de la vegiga									
124	Diseases of the urethra, urinary abscess, etc	Enfermedades de la uretra									
125	Diseases of the prostate	Enfermedades de la próstata									
126	Nonvenereal diseases of the male genital organs	Enfermedades no venereas de los órganos genitales del hombre.									
127	Metritis	Metritis									
128	Uterine hemorrhage (nonpuerperal)	Hemorragia uterina (no puerperal)									
129	Tumor, uterine (noncancerous)	Tumor uterino (no canceroso)									
130	Other diseases of the uterus	Otras enfermedades del útero									
131	Cysts and other tumors of the ovary	Quistes y otros tumores del ovario									
132	Other diseases of the female genital organs	Otras enfermedades de los órganos genitales de la mujer.									
133	Nonpuerperal diseases of the breast (cancer excepted)	Enfermedades no puerperales de la mama (exceptuándose el cáncer).									

CAUSES OF DEATHS FOR THE MONTH OF SEPTEMBER, 1901—Continued.

	Nomenclature Designed for the Statistics of Death.	Nomenclatura para las Estadísticas de Defunciones.	Americans. M.	Americans. F.	Europeans. M.	Europeans. F.	Filipino. M.	Filipino. F.	Chinese. M.	Chinese. F.	Total.
	VII.	**VII.**									
	The Puerperal State.	**Estado Puerperal.**									
134	Accidents of pregnancy	Accidentes de la preñez						1			1
135	Puerperal hemorrhage	Hemorragia puerperal						3			3
136	Other accidents of labor	Otros accidentes del parto									
137	Puerperal septicæmia	Septicemia puerperal						3		1	4
138	Albuminuria and puerperal eclampsia	Albuminuria y eclampsia puerperales						1			1
139	Puerperal phlegmasia alba dolens	Flegmasia alba dolens puerperal									
140	Other puerperal accidents—sudden death	Otros accidentes puerperales: Muerte repentina									
141	Puerperal diseases of the breast	Enfermedades puerperales de la mama									
	VIII.	**VIII.**									
	Diseases of the Skin and Cellular Tissue.	**Enfermedades de la Piel y del Tejido Celular.**									
142	Gangrene	Gangrena									
143	Furuncle	Forúnculo									
144	Warm-acute abscess	Abscesos calientes agudos									
145	Other diseases of the skin and its adnexa	Otras enfermedades de la piel									
	IX.	**IX.**									
	Diseases of the Organs of Locomotion.	**Enfermedades de los Órganos de la Locomoción.**									
146	Affections of the bones (nontuberculous)	Afecciones de los huesos (exceptuando la tuberculosis)									
147	Diseases of the joints (tuberculosis and rheumatism excepted)	Afecciones de las articulaciones (exceptuando la tuberculosis y el reumatismo)									
148	Amputation	Amputación									
149	Other affections of the organs of locomotion	Otras afecciones de los órganos de la locomoción					1				1
	X.	**X.**									
	Malformations.	**Vicios de Conformación.**									
150	Congenital malformations (stillbirths excepted)	Vicios de conformación congénitos (exceptuándose los de niños nacidos muertos)									
	XI.	**XI.**									
	Early Infancy.	**Primera Infancia.**									
151	Congenital debility, icterus and sclerema	Debilidad congénita, ictericia y esclerema					5	3			8
152	Other special diseases of early infancy	Otras enfermedades especiales de la primera edad									
153	Lack of care	Falta de cuidados									
	XII.	**XII.**									
	Old Age.	**Vejez.**									
154	Senile debility	Debilidad senil					3	10			13
	XIII.	**XIII.**									
	Affections Produced by External Causes.	**Afecciones Producidas por Causas Exteriores.**									
155	Suicide by poison	Suicidio por envenenamiento			1						1
156	Suicide by asphyxia	Suicidio por asfixia									
157	Suicide by hanging or strangulation	Suicidio por suspensión ó por extrangulación									
158	Suicide by submersion	Suicidio por submersión									
159	Suicide by firearms	Suicidio por armas de fuego									
160	Suicide by cutting instruments	Suicidio por instrumentos cortantes									
161	Suicide by jumping from high place	Suicidio por dejarse caer desde un punto elevado									
162	Suicide by crushing	Suicidio por aplastamiento									
163	Other suicides	Otros suicidios			1						1
164	Fractures	Fracturas									
165	Dislocations	Luxaciones									
166	Other accidental traumatisms	Otros traumatismos accidentales						1	1		3
167	Burns	Quemaduras por el fuego						1			1
168	Burning by corrosive substances	Quemaduras por substancias corrosivas									
169	Insolation	Insolación									
170	Freezing	Congelación									
171	Electrical shocks	Conmoción eléctrica									
172	Accidental submersion	Submersión accidental			1		2		1		4
173	Inanition	Inanición					1	2			3
174	Inhalation of deleterious gases (suicide excepted)	Absorción de gases deletéreos									
175	Other acute poisonings	Otros envenenamientos agudos									
176	Other external violence	Otras violencias exteriores									
	XIV.	**XIV.**									
	Ill-Defined Diseases.	**Enfermedades Mal Definidas.**									
177	Dropsy	Hidropesía									
178	Sudden death	Muerte repentina									
179	Unspecified or ill-defined causes of death	Causas de muerte no especificadas ó mal definidas					1				1
	Total		3		4	3	392	327	37	1	
	Grand total		3		7		719		38		767

Population of Manila.

Filipinos	186,619
Chinese	51,567
Americans and others	11,814
Total	250,000

Deaths occurring during the month of September.

Filipinos	719
Chinese	38
All others	10
Total	767

Births reported in September.

Filipinos	430
Chinese	2
Others	3
Total	435

Annual death rate per thousand for the month.

Filipinos	46.92
Chinese	8.97
Others	10.31
Average	37.35

Annual birthrate per thousand for the month.

Filipinos	20.94
Chinese	.47
Others	3.09
Average	21.18

Deaths by age.

Under 30 days	81
30 days to 1 year	327
1 year to 2 years	27
2 years to 5 years	32
5 years to 10 years	15
10 years to 15 years	13
15 years to 20 years	16
20 years to 25 years	26
25 years to 30 years	51
30 years to 40 years	67
40 years to 50 years	35
50 years to 60 years	31
60 years to 70 years	23
70 years to 80 years	11
80 years to 90 years	9
99 years to 100 years	3
Total	767

Stillbirths, 9.

Deaths by districts.

Walled City	78
Binondo	67
San Nicolas	85
Tondo	149
Santa Cruz	132
Quiapo	36
Sampaloc	68
San Miguel	36
Paco	63
Ermita	24
Malate	20
Pandacan	18
Total	776

Nine of above were stillbirths.

Number of deaths with medical attendance	264
Number of deaths without medical attendance	474
Number of deaths, Chinese	38
Total	776

Nine of above were stillbirths.

Comparative mortality from October 1, 1899, to September 30, 1901.

Month.	1899.		1900.		1901.	
	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.[1]	Number of deaths.	Annual death rate per 1,000.
October	1,184	57.08	961	46.23		
November	1,235	61.39	976	48.48		
December	1,162	55.90	905	43.54		
January			1,055	50.65	753	[1]36.22
February			884	47.08	689	[1]36.69
March			887	42.67	885	[1]42.67
April			805	40.02	886	[1]44.04
May			732	35.21	903	[1]43.44
June			599	29.79	621	[1]30.89
July			787	37.09	608	[2]28.46
August			825	38.88	702	[2]33.08
September			1,027	50.01	767	[2]37.25

[1] Death rate computed on population of 244,732 (Health Department census); stillbirths included.
[2] Death rate computed on population of 250,000; stillbirths not included.

Summary of statistics of births and deaths.

Population, census (Health Department)	250,000
Mortality for the month of September	767
Annual death rate per 1,000 for month of September	37.35
Births reported [1]	435
Annual birthrate (based on reports)	21.18

[1] Incomplete.

Monthly statement from United States office of identification morgue, Manila, P. I., September, 1901.

	Officers.	Soldiers.	Civilian employees.	Native employees.	American women.	Total.
Number of deaths in military hospitals, city of Manila	1	10	6			17
Number of bodies received from various posts in the Archipelago	1	3	1			5
Number of burials in the National Cemetery			1	6		7
Number of bodies embalmed and shipped to the United States	2	13				15
Number of remains disinterred in Manila (National Cemetery) for shipment to the United States						
Number of bodies buried in English Cemetery, San Pedro Macati			1			1

Burials, September, 1901.

Cemeteries:	Number.
Loma (Government)	232
Paco General (Government)	29
Santa Cruz	3
Balic-balic	105
Binondo	21
Tondo	212
Maytubig	52
Malate	46
Pandacan	19
Chinese	43
Crematory	7
Santa Ana	4
American National Cemetery	1
San Pedro Macati Cemetery	1
In deposito at Chinese Hospital	1
Total	776

Crematories, August, 1901.

	Paco.	Santa Cruz.
Cart loads of refuse consumed	2,255	1,868
Carcasses of horses consumed	192	188
Carcasses of mules consumed	12	43
Carcasses of carabaos consumed	33	10
Carcasses of cows consumed	2	2
Carcasses of small animals consumed	80	198
Total	2,574	2,309

Number of loads of garbage dumped in suburbs 2,721
Number of loads of garbage dumped at sea 1,800

Disinterments, September, 1901.

Santa Cruz Cemetery	3
Paco Cemetery	9
Chinese Cemetery (for removal to China)	4
Binondo Cemetery	4
Malate Cemetery	3
Total	23

Division of Inspection.

Number of inspections and reinspections	32,446
Number of adverse reports made by inspectors	9,892
Number of written notices served	726
Legal proceedings instituted for non-compliance with notice served	3
Number of permits issued to clean vaults, drains, etc	274
Houses disinfected	16
Premises cleaned	598
Barrels of night soil conveyed to sea	4,120

Veterinary Division.

[WILLIAM W. RICHARDS, V. S., City Veterinarian; JOHN G. SLEE, D. V. S., Assistant City Veterinarian.]

On arrival in city:	
Number of cattle inspected	1,096
Number of hogs inspected	4,024
Number of carabaos inspected	69
Number of sheep inspected	7
Number of goats inspected	30
Number of horses inspected	294
Number of other animals inspected	3
In Government slaughterhouse:	
Number of cattle slaughtered	1,013
Number of hogs slaughtered	4,856
Number of cattle condemned and cremated	0
Number of hogs condemned and cremated	72
Number of horses condemned for glanders	14

Vaccine virus issued during month ending August 31, 1901.

[Vaccine Institute, SATURNINO ESPEJO, Director.]

	Units.
Army	8,610
Navy	0
Inhabitants of the Archipelago (excluding Manila)	34,660
Inhabitants of Manila	1,613
Total	44,883

Number of young carabaos used in preparation of virus, 3.

Vaccination, September, 1901.

	Children.	Adult.	Total.
Walled City	36	74	110
Binondo	56	159	215
San Nicolas	105	91	196
Tondo	80	52	132
Santa Cruz	83	42	125
Quiapo	69	130	199
San Miguel	59	71	130
Sampaloc	62	107	169
Paco	87	57	144
Ermita	31	84	115
Malate	35	43	78
Total	703	910	1,613

Statement of bubonic plague for month ending September 30, 1901.

	American.	Filipino.	Spanish.	Chinese.	Total.
Number of cases remaining from August, 1901		5		3	8
Number of new cases		4		7	11
Number of deaths		5		7	12
Number discharged		4		2	6
Number remaining				1	1

Comparative statement for corresponding period, September, 1900.

	American.	Filipinos.	Spanish.	Chinese.	Total.
Number of cases remaining from August, 1900	1	5	0	5	11
Number of new cases	0	0	0	6	6
Number of deaths	0	1	0	8	9
Number discharged	0	4	0	2	6
Number remaining	1	0	0	1	2

Rats caught and delivered to Board of Health, capitation fee ($0.01¼) being paid for same, 1,414.

GENERAL LIBRARY
UNIV. OF MICH.
JAN 21 1902

MONTHLY REPORT

OF THE

Board of Health for the Philippine Islands

AND CITY OF MANILA.

OCTOBER, 1901.

TO HIS EXCELLENCY,

THE HONORABLE W. H. TAFT, CIVIL GOVERNOR.

...BOARD OF HEALTH...

Major L. M. Maus, M. D., U. S. Army	Commissioner of Public Health
Franklin A. Meacham, M. D.	Chief Health Inspector
P. C. Freer, M. D., Ph. D.	Superintendent of Government Laboratories
C. M. Mead, B. S.	Sanitary Engineer
Manuel Gomez Martinez, M. D.	Secretary

POPULATION OF MANILA.

Filipinos	186,619
Chinese	51,567
Americans and others	11,814
Total	250,000

DEATHS OCCURRING DURING THE MONTH OF OCTOBER.

Filipinos	820
Chinese	25
All others	10
Total	855

ANNUAL DEATH RATE PER THOUSAND FOR THE MONTH.

Filipinos	51.75
Chinese	5.70
Others	9.96
Average	40.29

BIRTHS REPORTED IN OCTOBER.

Filipinos	477
Chinese	0
Others	7
Total	484

ANNUAL BIRTH RATE PER THOUSAND FOR THE MONTH.

Filipinos	30.11
Chinese	.00
Others	6.97
Average	22.81

Office of the Board of Health for the Philippine Islands and City of Manila.

MANILA, P. I., November 14, 1901.

To

The Executive Secretary
to the Civil Governor of the Philippine Islands.

SIR:—

I have the honor to submit herewith the report of the Board of Health for the month of October, 1901. 855 deaths occurred in Manila during the month, as compared with 961 for the same month in 1900. They were divided as follows: Filipinos 820, Chinese 25, all others 10. The average death rate for the month is 40.29, as compared with 46.23 for the same month in 1900; the rate being among the Filipinos 51.75, Chinese 5.70, all others 9.96. 484 births were reported during the month, as compared with 393 for the same month in 1900, giving an annual birth rate for the month of 22.81. 477 of these births occurred among the Filipinos, and 7 among the Chinese. The greatest mortality during the month resulted from infantile convulsions, there being 322 deaths ascribed to this cause alone. The cause of this great mortality among children is being investigated by the Board of Health and it is believed that definite information on the subject will be submitted in the next monthly report. It is more than probable that a large percentage of these cases may be ascribed to the poor methods of alimentation practiced among the Filipino mothers of the lower classes, with whom the majority of deaths reported from this cause occur. Other deaths occurred in the following sequence: pulmonary tuberculosis 70, acute diarrhoea and enteritis 46, acute bronchitis 43, chronic diarrhoea and enteritis 37, simple meningitis 28.

Bubonic Plague and Rats.

Seven cases of plague occurred during the month, as compared with 6 for October, 1900. During the month of May 137 cases occurred, in June 55, July 39, August 29, September 11, and October 7, a gradual decline of the disease from May, the height of the plague season, and during which month the greatest number of cases occurred since January 1st. A decline of plague at this season of the year is characteristic of the disease, and it is more than probable that no other cases will appear before the new year. Great attention is being paid to the destruction of rats by means of traps and poison. A letter was received from Prof. Kitasato, of Japan, on this subject, in which he stated that great difficulty was experienced there in destroying rats, and that on account of their wariness, it was not only necessary to change the character of the food containing the poison from time to time, but the traps as well. Boiled sweet potato mixed with ground glass and arsenic, or bacon and arsenic have so far proven to be the most successful bane. The Board of Health pays a capitation fee of five centavos (2½ cents) for each rat presented at the laboratory, and, in addition, furnishes a ticket, which applies to money prizes to be awarded on Christmas day. All rats sent to the laboratory are carefully examined microscopically for infection, and in case the bacilli are found, the house or premises in which the infected rat is found are treated as if a case of plague occurred there. The character of the buildings in Manila and their crowded condition offer every opportunity for the growth and increase of rodents. The nipa colonies within the city limits also provide a great opportunity for the propagation of rats. In certain sections these houses are very closely packed together, and the rats, in consequence, found to be very numerous.

Detention Village.

Grounds for a detention camp have been selected adjoining San Lázaro Hospital, and plans submitted for constructing twenty large buildings, five private houses, one superintendent's house and a guardhouse, with the necessary outbuildings. When completed, the detention village will be capable of housing 2500 souls. It is intended to locate in this village, families and individuals taken from houses in which cases of plague occur or in which infected rats are found. These "contacts" will be immunized by the *Shiga* method before returned to the city.

Rhinderpest and Locust Plague.

Very few reports have been received during the past month from the provinces in regard to rhinderpest and locust plague. An expert was sent to the Province of Isabel during the month to look after rhinderpest which was reported in that province, and the Assistant Veterinarian of the Board of Health, to the Camarines and Albay, from which similar reports were received. A tabulated report from the Secretary of Marinduque shows that 1165 caraboa have died on that island from this cause since July, 1901. It is believed that the organization of provincial boards of health will enable the Board of Health for the Philippine Islands to attend to this very important matter in a more satisfactory manner in the future. The presidents of municipal boards of health will be thoroughly instructed in the methods of making autopsies on animals dying of the disease, collecting the bile and making the necessary injections for immunizing animals and treating those affected. They will likewise be required to instruct the natives in these methods. Reports have also been received from the Camarines and Albay that a great number of the native ponies have died recently from the epidemic affecting horses reported in September report.

Proposed Medical Legislation—Health Ordinances and Resolutions Submitted by the Board of Health.

During the month, proposed acts for the organization of provincial and municipal boards of health were submitted to the Civil Commission for legislative action, and also, bills for the regulation of the practice of medicine and dentistry in the Philippine Islands. Resolutions for the enactment of the following city ordinances were likewise forwarded to the Municipal Board, City of Manila; 1st, declaring all buildings in which cases of plague have occurred, or in which rats affected with the disease have been found a menace to the public health, and requesting authority to close all such buildings, and to require the owners to remodel and place them in a thorough sanitary condition before reoccupancy; 2d, resolving that it is unlawful to construct, put up or continue in any house or domestic building, any mezzanine floor, story or cock loft, to be used for sleeping purposes; 3d, resolution to close Carvajal Street to public traffic and business until the owners place the buildings, premises and interiors of blocks in a satisfactory sanitary condition on account of the street being a focus for plague; 4th, resolution for awarding money prizes on Christmas day to natives for catching rats; 5th, ordinance regulating tenement and lodging houses.

Laboratories, Vaccine Institute, Etc.

Since the arrival of Prof. P. C. Freer, Superintendent of Government Laboratories, from the United States, great improvement has taken place in the organization of the chemical and bacteriological laboratories, which are now in excellent working condition. His report is herewith attached. Two special rooms have been prepared adjoining the biological laboratory, one for the housing and care of animals, and for making post mortems on rats, the other for the preparation of anti-plague serum. These rooms are used solely for plague work and can be isolated and locked.

Very respectfully,

L. M. MAUS,
Major and Surgeon, U. S. Army,
Commissioner of Public Health.

Causes of Deaths for the Month of October, 1901.

(STILL-BIRTHS NOT INCLUDED.)

	Nomenclature designed for the statistics of death.	Nomenclatura para las estadisticas de defunciones.	American M.	American F.	European M.	European F.	Philippino M	Philippino F.	Chinese M.	Chinese F.	Total
	I. GENERAL DISEASES.	**I. Enfermedades generales.**									
1	Typhoid Fever (abdominal typhus)	Fiebre tifoidea					6				6
2	Exanthematic typhus	Tifus exantemático									
3	Recurrent Fever	Fiebre recurrente									
4	Intermittent Fever, and Malarial Cachexia	Fiebre intermitente					3	4			7
4a	Malarial Cachexia	Caquexia palúdica					1	1			2
5	Variola	Viruelas						1			1
6	Measles	Sarampión						1			1
7	Scarlatina	Escarlatina									
8	Whooping Cough	Tos ferina									
9	Diphtheria and Croup	Difteria y Crup									
9a	Diphtheria	Difteria						1			1
10	Grippe	Gripe									
11	Miliary Fever	Fiebre miliar									
12	Asiatic, Cholera	Cólera asiático									
13	Cholera, nostras	Cólera nostras					4	2	2		8
14	Dysentery	Disenteria									
14a	Epidemic Dysentery	Disenteria epidémica					2	2	3		7
15	Plague	Peste									
16	Yellow Fever	Fiebre amarilla						1			1
17	Leprosy	Lepra									
18	Erysipelas	Erisipelas					10	6	2		18
19	Other Epidemic Affections	Otras afecciones epidémicas					1	2			3
20	Purulent Infection and Septicæmia	Infección purulenta y septicemia									
21	Glanders and Farcy	Muermo y lamparones									
22	Malignant Pustule and Anthrax	Pústula maligna y antrax									
23	Rabies	Rabia									
24	Actinomycosis, Trichinosis, etc	Actinomicosis, trichinosis, etc									
25	Pellagra	Pelagra									
26	Tuberculosis of Larynx	Tuberculosis de la laringe			2		27	32	3		64
27	Tuberculosis of Lungs	Tuberculosis del pulmón									
28	Tuberculosis of Meninges	Tuberculosis de las meninges	1				3				4
29	Tuberculosis of Abdomen	Tuberculosis abdominal									
30	Pott's Disease	Mal de Pott									
31	Cold Abscess and Abscess by Congestion	Abscesos fríos y por congestión									
32	White Swellings	Tumores blancos									
33	Tuberculosis of Other Organs	Tuberculosis de otros órganos									
34	Generalized Tuberculosis	Tuberculosis generalizada									
35	Scrofula	Escrófula									
36	Syphilis	Sífilis									
37	Gonorrhea of the Adult	Blenorragia en los adultos									
38	Gonococcic Infections of Children	Afecciones gonocócicas en los niños									
39	Cancer and Other Malignant Tumors of the Buccal Cavity	Cáncer ú otros tumores malignos en la cavidad bucal									
40	Cancer and Other Malignant Tumors of the Stomach and Liver	Cáncer ú otros tumores malignos del estómago, é hígado									
41	Cancer and Other Malignant Tumors of Peritoneum, Intestines, and Rectum	Cáncer ú otros tumores malignos del peritoneo, intestinos y recto									
42	Cancer and Other Malignant Tumors of the Female Genitals	Cáncer ú otros tumores malignos de los órganos genitales de la mujer						1			1
43	Cancer and Other Malignant Tumors of the Breast	Cáncer ú otros tumores malignos de la mama				1					1
44	Cancer and Other Malignant Tumors of the Skin	Cáncer ú otros tumores malignos de la piel						1			1
45	Cancer and Other Malignant Tumors of Other Organs and Organs not Specified	Cáncer ú otros tumores malignos en otros órganos									
46	Other Tumors (Tumors of the Female Genitals excepted)	Otros tumores (exceptuándose los de los órganos genitales de la mujer)									
47	Acute Articular Rheumatism	Reumatismo articular agudo					4				4
48	Chronic Rheumatism, and Gout	Reumatismo crónico y gota					1	2			3
49	Scurvy	Escorbuto									
50	Diabetes	Diabetes									
51	Exophthalmic Goiter	Bocio exoftálmico									
52	Addison's Disease	Enfermedad bronceada de Addison									
53	Leukæmia	Leucemia					3	1			4
54	Anæmia, Chlorosis	Anemia, clorosis									
55	Other General Diseases	Otras enfermedades generales					1				1
56	Acute Alcoholism or Chronic	Alcoholismo agudo ó crónico									
57	Lead-Poisoning	Saturnismo									
58	Other Poisonings Incident to Occupations	Otras intoxicaciones profesionales crónicas									
59	Other Chronic Poisonings	Otros envenenamientos crónicos									
	II. Diseases of the nervous system and the organs of special sense.	**II. Enfermedades del Sistema Nervioso y de los órganos de los sentidos.**									
60	Encephalitis	Encefalitis					1	1			2
61	Simple Meningitis	Meningitis simple					19	9			28
61a	Epidemic Cerebro-spinal Meningitis	Meningitis cérebro-espinal epidémica									
62	Progressive Locomotor Ataxia	Ataxia locomotriz progresiva									
63	Other Diseases of the Spinal Cord	Otras enfermedades de la médula espinal									
64	Cerebral Congestion and Hemorrhage	Congestión y hemorragia cerebrales	1				7	3			11
65	Cerebral Softening	Reblandecimiento cerebral					1	1			2
66	Paralysis Without Apparent Cause	Parálisis sin indicación de causa									
67	General Paralysis	Parálisis generales					2				2

	Nomenclature designed for the statistics of death.	Nomenclatura para las estadisticas de defunciones.	American M.	American F.	European M.	European F.	Philippino M.	Philippino F.	Chinese M.	Chinese F.	Total
	II.—Diseases of the Nervous System and the Organs of Special Sense.	**II.—Enfermedades del sistema nervioso y de los órganos de los sentidos.**									
68	Other Forms of Insanity	Otras formas de alienación mental									
69	Epilepsy	Epilepsia									
70	Eclampsia (nonpuerperal)	Eclampsia (no puerperal)					7	8			15
71	Convulsions of Children	Convulsiones en los niños					169	153			322
72	Tetanus	Tétano					6	5			11
73	Chorea	Corea									
74	Other Diseases of the Nervous System	Otras enfermedades del sistema nervioso					11	14			25
75	Diseases of the Eye and its Adnexa	Enfermedades de ojos y sus anexos									
76	Diseases of the Ear	Enfermedades de los oidos									
	III. Diseases of the Circulatory System.	**III. Enfermedades del aparato circulatorio.**									
77	Pericarditis	Pericarditis					1				1
78	Acute Endocarditis	Endocarditis aguda					1	1	3		5
79	Organic Disease of the Heart	Enfermedades orgánicas del corazón						3	1		4
80	Angina Pectoris	Angina de pecho					7	3			10
81	Affections of the Arteries (Atheroma, Aneurism, etc.	Afecciones de las Arterias, etc					5	3			8
82	Embolus and Thrombosis	Embolia y Trombosis						2			2
83	Affections of the Veins (Varices, Hemorrhoides, Phlebitis)	Afecciones de las venas									
84	Affections of the Lymphatic System (Lymphangitis, etc.)	Afecciones del sistema linfático									
85	Hemorrhages	Hemorragias									
86	Other Affections of the Circulatory System	Otras afecciones del aparato circulatorio									
	IV. Diseases of the Respiratory System.	**IV. Enfermedades del aparato respiratorio.**									
87	Diseases of the Nasal Fossæ	Enfermedades de las fosas nasales									
88	Affections of the Larynx	Afecciones de la laringe					9	5			14
89	Affections of the Thyroid Body	Afecciones del cuerpo tiroideo									
90	Acute Bronchitis	Bronquitis aguda					19	24			43
91	Chronic Bronchitis	Bronquitis crónica					8	10			18
92	Broncho-Pneumonia	Bronco-pneumonia									
93	Pneumonia	Pneumonia					1		1		2
94	Pleurisy	Pleuresía					1				1
95	Pulmonary Congestion and Apoplexy	Congestion y apoplegia pulmonares					4	4			8
96	Gangrene of the Lungs	Gangrena del pulmón									
97	Asthma	Asma									
98	Pulmonary Emphysema	Enfisema pulmonar									
99	Other Diseases of the Respiratory System (Phthisis excepted)	Otras enfermedades del aparato respiratorio (exceptuándose la tisis)									
	V. Diseases of Digestive System	**V. Enfermedades del aparato digestivo.**									
100	Affections of the Mouth and its Adnexa	Afecciones de la boca y de sus anexos									
101	Affections of the Pharynx	Afecciones de la faringe									
102	Affections of the Esophagus	Afecciones del esófago									
103	Ulcer of the Stomach	Ulcera del estómago					1	1			2
104	Other Affections of the Stomach (Cancer excepted)	Otras afecciones del estómago (exceptuándose el cáncer)					5	6			11
105	Diarrhea and Enteritis (under 2 years)	Diarrea y enteritis (en niños menores de 2 años)					21	16			37
105a	Chronic Diarrhea and Enteritis	Diarrea y enteritis crónica				1	15	12	5		33
106	Diarrhea and Enteritis (2 years and over)	Diarrea y enteritis (en niños de 2 ó más años)					3	9	1		13
107	Intestinal Parasites	Parásitos intestinales									
108	Hernias; Intestinal Obstructions	Hernias; obstrucciones intestinales	1				1				2
109	Other Affections of the Intestines	Otras afecciones del intestino									
110	Acute Yellow Atrophy of the Liver	Ictericia grave									
111	Hydatid Tumors of the Liver	Tumores hidátidicos del hígado									
112	Cirrhosis of the Liver	Cirrosis del hígado					6	1			7
113	Biliary Calculi	Cálculos biliares									
114	Other Affections of the Liver	Otras afecciones del hígado									
115	Affections of the Spleen	Afecciones del bazo									
116	Simple Peritonitis (Puerperal excepted)	Peritonitis simple (exceptuándose la puerperal)					2	1			3
117	Other Affections of the Digestive System (Cancer and Tuberculosis excepted)	Otras afecciones del aparato digestivo (exceptuándose el cáncer y tuberculosis)									
118	Appendicitis and Abscess of the Iliac Fossa	Apendicitis y flemón de la fosa iliaca									
	VI. Diseases of the Genito-Urinary System and its Adnexa.	**VI. Enfermedades del aparato génito urinario y de sus adnexos.**									
119	Acute Nephritis	Nefritis aguda					3	2	1		6
120	Bright's Disease	Mal de Bright							1		1
121	Other Diseases of the Kidneys and their Adnexa	Otras enfermedades de los riñones y de sus anexos									
122	Calculi of the Urinary Tract	Cálculos de las vías urinarias									
123	Diseases of the Bladder	Enfermedades de la vegiga									
124	Diseases of the Urethra, Urinary Abscess, etc.	Enfermedades de la uretra									
125	Diseases of the Prostate	Enfermedades de la próstata									
126	Nonvenereal Diseases of the Male Genital Organs	Enfermedades no venereas de los órganos genitales del hombre									
127	Metritis	Metritis						1			1
128	Uterine Hemorrhage (nonpuerperal)	Hemorragia uterina (no puerperal)						1			1
129	Tumor, Uterine (noncancerous)	Tumor uterino (no canceroso)						1			1
130	Other Diseases of the Uterus	Otras enfermedades del útero									
131	Cysts and Other Tumors of the Ovary	Quistes y otros tumores del ovario									
132	Other Diseases of the Female Genital Organs	Otras enfermedades de los órganos genitales de la mujer									
133	Nonpuerperal Diseases of the Breast (Cancer excepted)	Enfermedades no puerperales de la mama (exceptuándose el cáncer)									

	Nomenclature designed for the statistics of death.	Nomenclatura para las estadisticas de defunciones.	American M.	American F.	European M.	European F.	Philippino M.	Philippino F.	Chinese M.	Chinese F.	Total
	VII.	**VII.**									
	The Puerperal State.	**Estado puerperal.**									
134	Accidents of Pregnancy	Accidentes de la preñez				1					1
135	Puerperal Hemorrhage	Hemorragia puerperal						4			4
136	Other Accidents of Labor	Otros accidentes del parto									
137	Puerperal Septicæmia	Septicemia puerperal						8			8
138	Albuminuria and Puerperal Eclampsia	Albuminuria y eclampsia puerperales						1			1
139	Puerperal Phlegmasia Alba Dolens	Flegmasia alba dolens puerperal						1			1
140	Other Puerperal Accidents-Sudden Death	Otros accidentes puerperales: Muerte repentina									
141	Puerperal Diseases of the Breast	Enfermedades puerperales de la mama									
	VIII.	**VIII.**									
	Diseases of the Skin and Cellular Tissue.	**Enfermedades de la piel y del tejido celular.**									
142	Gangrene	Gangrena									
143	Furuncle	Forúnculo									
144	Warm-acute Abscess	Abscesos calientes agudos									
145	Other Diseases of the Skin and its Adnexa	Otras enfermedades de la piel									
	IX.	**IX.**									
	Diseases of the Organs of Locomotion.	**Enfermedades de los órganos de la locomoción.**									
146	Affections of the Bones (nontuberculous)	Afecciones de los huesos (exceptuando la tuberculosis)									
147	Diseases of the Joints (Tuberculosis and Rheumatism excepted)	Afecciones de las articulaciones (exceptuando la tuberculosis y el reumatismo)									
148	Amputation	Amputación									
149	Other Affections of the Organs of Locomotion	Otras afecciones de los órganos de la locomoción									
	X.	**X.**									
	Malformations.	**Vicios de conformación.**									
150	Congenital Malformations (Stillbirths excepted)	Vicios de conformación congénitos (exceptuándose los de niños nacidos muertos)									
	XI.	**XI.**									
	Early Infancy.	**Primera infancia.**									
151	Congenital Debility, Icterus and Sclerema	Debilidad congénita, ictericia y esclerema					6	2			8
152	Other Special Diseases of Early Infancy	Otras enfermedades especiales de la primera edad									
153	Lack of Care	Falta de cuidados									
	XII.	**XII.**									
	Old age.	**Vejez.**									
154	Senile Debility	Debilidad senil					6	7			13
	XIII.	**XIII.**									
	Affections Produced by External Causes.	**Afecciones producidas por causas exteriores.**									
155	Suicide by Poison	Suicidio por envenenamiento									
156	Suicide by Asphyxia	Suicidio por asfixia									
157	Suicide by Hanging or Strangulation	Suicidio por suspensión ó por extrangulación					4				4
158	Suicide by Submersion	Suicidio por submersión									
159	Suicide by Firearms	Suicidio por armas de fuego									
160	Suicide by Cutting Instruments	Suicidio por instrumentos cortantes							1		1
161	Suicide by Jumping from High Place	Suicidio por dejarse caer desde un punto elevado									
162	Suicide by Crushing	Suicidio por aplastamiento									
163	Other Suicides	Otros suicidios									
164	Fractures	Fracturas	1					1			3
165	Dislocations	Luxaciones									
166	Other Accidental Traumatisms	Otros traumatismos accidentales			1		2	1	1		5
167	Burns	Quemaduras por el fuego									
168	Burning by Corrosive Substances	Quemaduras por substancias corrosivas									
169	Insolation	Insolación									
170	Freezing	Congelación									
171	Electrical Shocks	Commoción eléctrica									
172	Accidental Submersion	Submersión accidental					2	1			3
173	Inanition	Inanición					4	7			11
174	Inhalation of Deleterious Gases (Suicide excepted)	Absorción de gases deletéreos									
175	Other Acute Poisonings	Otros envenenamientos agudos									
176	Other External Violence	Otras violencias exteriores									
	XIV.	**XIV.**									
	Ill-defined Diseases.	**Enfermedades mal definidas.**									
177	Dropsy	Hidropesia									
178	Sudden Death	Muerte repentina									
179	Unspecified or Ill-defined Causes of Death	Causas de muerte no especificadas ó mal definidas									
	Total		1		1	1	25	33	2		63
	Grand Total		4		3	3	427.393		25		855

DEATHS BY AGE.

Under 30 days	114
30 days to 1 year	405
1 year to 2 years	27
2 years to 5 years	26
5 years to 10 years	11
10 years to 15 years	8
15 years to 20 years	24
20 years to 25 years	23
25 years to 30 years	46
30 years to 40 years	58
40 years to 50 years	29
50 years to 60 years	27
60 years to 70 years	26
70 years to 80 years	12
80 years to 90 years	9
90 years to 100 years	6
Unknown	4
Total	855

Still-births 10.

DEATHS BY DISTRICTS.

Walled City	68
Binondo	64
San Nicolas	87
Tondo	171
Santa Cruz	142
Quiapo	50
Sampaloc	81
San Miguel	40
Paco	82
Ermita	23
Malate	26
Pandacan	28
Bulacan	1
Binangonan	1
Pampanga	1
Total	865

10 of above were still-births.

Number of deaths with medical attendance	249
Number of deaths without medical attendance	581
Number of deaths, Chinese	25
Total	855

10 of above were still-births.

Comparative Mortality from October 1, 1899, to October 31, 1901.

MONTH.	1899. No. Deaths.	1899. Annual Death rate per 1000.	1900. No. Deaths.	1900. Annual Death rate per 1000.	1901. No. Deaths.	1901. Annual Death rate per 1000.
October	1184	57.08	961	46.23	855	40.29
November	1235	61.39	976	48.48	—	—
December	1162	55.90	905	43.54	—	—
January	—	—	1055	50.65	753	36.22
February	—	—	884	47.08	689	36.69
March	—	—	887	42.67	885	42.67
April	—	—	805	40.02 (1)	886	44.04 (1)
May	—	—	732	35.21	903	43.44
June	—	—	599	29.79	621	30.89
July	—	—	787	37.09	608	28.46
August	—	—	825	38.88	702	33.08 (2)
September	—	—	1027	50.01	767	37.25

(1) Death rate computed on population of 244,732 (Health Dept. Census); still-births included.

(2) Death rate computed on population of 250,000; still-births not included.

Summary of Statistics of Births and Deaths.

Population, census (Health Department)	250,000
Mortality for the month of October	855
Annual death rate per 1000 for month of October	40.29
*Births reported	484
Annual birth rate (based on reports)	22.81

*Incomplete.

Monthly Statement from U. S. Office of Identification Morgue, Manila, P. I., October, 1901.

	Officers.	Soldiers.	Civilian Employees.	Native Employees.	American Women.	Total.
Number of deaths in military hospitals City of Manila	0	12	4	0	0	16
Number of bodies received from various posts in the Archipelago	3	2	3	0	0	8
Number of burials in the National Cemetery	0	0	4	0	0	4
Number of bodies embalmed and shipped to the United States	1	14	1	0	0	16
Number of remains disinterred in Manila (National Cemetery) for shipment to United States	0	0	1	0	0	1
Disinterred and shipped to the U. S.	1	1	1	0	1	4

BURIALS, OCTOBER, 1901.

CEMETERIES.	No.
Loma [Government]	225
Paco General [Government]	24
Santa Cruz	6
Balic-balic	131
Binondo	14
Tondo	260
Maytubig	60
Malate	61
Pandacan	28
Chinese	29
Crematory	7
Santa Ana	9
American National Cemetery	4
San Pedro Macati Cemetery	2
Caloocan	1
Bacoor	4
TOTAL	865

10 of above were still-births.

CREMATORIES.

OCTOBER, 1901.	Cart loads of refuse consumed.	Carcasses of native horses consumed.	Carcasses of American horses consumed	Carcasses of mules consumed.	Carcasses of carabaos consumed.	Carcasses of cows consumed.	Carcasses of dogs consumed.	Carcasses of fowls consumed.	Carcasses of cats consumed.	Carcasses of rats consumed.	Carcasses of pigs consumed.	Carcasses of snakes consumed.
Paco	2203	77	6	42	13	5	5	17	1	8	1	5
Santa Cruz	1451	147	155	3	39	61	....	141	....	....	....	....
TOTAL	3654	224	161	45	52	66	5	158	1	8	1	5

Number of loads of garbage dumped in suburbs 2,721
Number of loads of garbage dumped at sea 1,800

VETERINARY DIVISION.

WILLIAM W. RICHARDS, V. S. City Veterinarian.
JOHN G. SLEE, D. V. S. Ass. City Veterinarian.

On arrival in City.	Number of cattle inspected	2,012
	Number of hogs inspected	4,304
	Number of carabaos inspected	164
	Number of sheep inspected	3
	Number of goats inspected	17
	Number of horses inspected	330
	Number of other animals inspected	1
In Government Slaughterhouse	Number of cattle slaughtered	1,588
	Number of hogs slaughtered	4,755
	Number of cattle condemned and cremated	5
	Number of hogs condemned and cremated	53

Number of horses condemned for glanders 18

DISINTERMENTS, OCTOBER, 1901.

Santa Cruz Cemetery	5
Paco Cemetery	6
Chinese Cemetery (for removal to China)	7
Binondo Cemetery	2
TOTAL	20

DIVISION OF INSPECTION.

Number of inspections and re-inspections	33,934
Number of adverse reports made by inspectors	8,239
Number of written notices served	1,067
Legal proceedings instituted for non-compliance with notice served	2
Number of permits issued to clean vaults, drains, etc.	360
Houses disinfected	10
Premises cleaned	704
Barrels of night soil conveyed to sea	6,764

VACCINE INSTITUTE.

SATURNINO ESPEJO, DIRECTOR.

Vaccine virus issued during month ending October 31, 1901.

Army	200 units
Navy	4,850 units
Inhabitants of the Archipelago [excluding Manila]	3,400 units
Inhabitants of Manila	9,756 units
TOTAL	206 units

Number of young carabaos used in preparation of virus 1

VACCINATION, OCTOBER, 1901.

	Walled City.	Binondo.	San Nicolas.	Tondo.	Santa Cruz.	Quiapo.	San Miguel.	Sampaloc.	Paco.	Ermita.	Malate.	TOTAL.
Children	26	39	52	54	11	22	3	18	31	27	11	324
Adult	25	17	21	29	158	53	8	36	49	29	7	432
TOTAL	51	56	73	83	169	75	41	54	80	56	18	756

Statement of Bubonic Plague for Month Ending Oct. 31, 1901.

No. Cases Remaining from Oct., 1901.					No. of New Cases.					No. Deaths.					No. Discharged.					No. Remaining.				
American	Philippino	Spanish	Chinese	Total	American	Philippino	Spanish	Chinese	Total	American	Philippino	Spanish	Chinese	Total	American	Philippino	Spanish	Chinese	Total	American	Philippino	Spanish	Chinese	Total
0	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	0	0	0	0	0

Comparative Statement for Corresponding Period, October, 1900.

No. Cases Remaining from Oct., 1900.					No. of New Cases.					No. Deaths.					No. Discharged.					No Remaining.				
American	Philippino	Spanish	Chinese	Total	American	Philippino	Spanish	Chinese	Total	American	Philippino	Spanish	Chinese	Total	American	Philippino	Spanish	Chinese	Total	American	Philippino	Spanish	Chinese	Total
0	0	0	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0	2	2

Rats caught and delivered to Board of Health, capitation fee being paid for same 196

REPORT FOR THE BUREAU OF GOVERNMENT LABORATORIES FOR OCTOBER BY PROF. PAUL C. FREER, SUPERINTENDENT OF GOVERNMENT LABORATORIES.

The Bureau of Government Laboratories having been established by Act No. 156 of the United States Philippine Commission, the control of the Municipal Bacteriological and Chemical Laboratory was assumed by it on October 1st.

The former Municipal Laboratory was compelled to vacate the premises occupied by it and consequently, all apparatus and reagents necessary for carrying on the work of the laboratory were packed and stored when the Bureau of Government Laboratories assumed control. Temporary quarters were secured on October 3d, and a laboratory adequate only to take care of absolutely necessary government work was established and in operation on October 15th. The report of the laboratory work therefore only covers the period from October 15th, to November 1st.

Plague.

All rats which are found dead, either through poison or disease, and all live rats caught in traps are delivered at the laboratory by the inspectors of the Board of Health for the Philippine Islands, each rat bearing a tag with its number and that of the inspector who delivered it, as well as the address of the house in which it was caught. All are plunged in a tank of 5% carbolic acid before delivery, the live animals having previously been killed. A microscopic examination is made of each individual by means of smears taken from the heart and liver, and whenever a rat is found to be infected with the plague, the fact is at once reported to the Chief Health Inspector, together with the location in which such rat was caught.

The number of rats delivered has been increasing daily so that soon material progress will be made. The number of post mortem examinations of rats from October 15th, to November 1st, was 135; number of rats infected with plague, 2; one infected rat was found October 16th, and the other on October 26th.

Poison.

The poisons used by the inspectors have been prepared at the laboratory, the most successful being arsenic, ground sweet potato, and powdered glass or arsenic mixed with rancid bacon.

Locust Disease Fungus.

On September 12th, there were thirty-six localities suffering from locust pest. In five the damage was reported to be considerable. At Mauban, province of Tayabas, where much harm was being done, Capt. M. Hermann experimented with African fungus which had been obtained by the Board of Health. Reports from the commanding officer and surgeon on October 8th, demonstrate that all locusts were killed in this district.

Cultures from dead grasshoppers taken from Tayabas gave no growth of fungus; but on October 15th the Bureau received two tubes from Washington and at once proceeded to make cultures from these samples. A number of tubes were prepared and one sent to the Governor of each province, on October 27th. Cebu, where the pest was prevalent at the time, received twenty-one, and Bangued, Abra, which was in the same condition, received ten. A printed circular of directions accompanied each tube, together with a letter to the recipient asking for detailed information as to the location and prevalence of the pest and the result following the use of the fungus. It is hoped that an exact knowledge of the existing conditions and of favorable results will soon be received.

Liquor Analyses.

Sixteen samples of liquor, suspected of containing harmful ingredients, have been analysed and all but two proved satisfactory for consumption. The highest amyl alcohol was 3.54 per thousand in the case of an alcohol used for fuel.

Other Analyses.

Urine analyses	17
Milk analyses	1
Mineral analyses	1

Blood examinations:—Widal, 6, all negative; blood examinations, malarial, 8, one positive; 21 sputum examinations for Bacillus tuberculosis, 5 positive; 17 fæces examinations for Amebæ dysintericæ, 3 positive; 10 urine examinations, 5 with casts, 6 with pus cells, 4 with kidney epithelium; 2 blood corpuscle counts, normal; 4 examinations for gonococci, all positive; 1 examination, pus for leprosy, positive; 1 examination, pus supposed B. aërogenes capsulatus; 2 examinations, pus from wounds, containing pyogenic organisms.

The examination of blood from horses, containing animal parasites and mentioned in the last report, is being continued.

PAUL C. FREER,

Superintendent of Government Laboratories.

METEOROLOGICAL OBSERVATIONS

DEDUCED FROM HOURLY OBSERVATIONS,

FOR MONTH OF OCTOBER, TAKEN FROM "OBSERVATORIO CENTRAL DE MANILA."

Date	Barometer (*)		Temperature						Relative humidity	Wind						Sunshine		Rainfall	
	Mean		Mean		Maximum		Minimum			Prevailing direction	Total daily motion		Maximum						
													Force		Direction				
Oct.	Inches	mm.	C.	F.	C.	F.	C.	F.	Mean		Km.	Miles	Km.	Miles		H.	m.	Inches	mm.
1	29.798	756.85	26.1	79.0	29.0	84.2	22.8	73.0	89.0	NNE.	134	83	14	9	NNE.	0	05	1.067	27.1
2	29.626	52.49	25.9	78.6	27.8	82.0	23.2	73.7	93.2	NNW.	544	338	40	25	SW. by W.	0	00	1.268	32.2
3	29.642	52.90	24.7	76.5	26.3	79.3	22.2	72.0	95.0	SSE., SSW.	624	388	40	25	S. by W.	0	00	4.090	103.8
4	29.787	56.57	26.9	80.4	29.4	85.0	23.6	74.5	88.8	S., SSW.	426	265	26	16	SSW.	0	00	0.866	22.0
5	29.827	57.61	27.1	80.8	30.6	87.0	23.6	74.4	88.2	NW.	....	....	22?	14	NW.	4	40	0.465	11.8
6	29.837	57.84	28.0	82.4	30.7	87.2	23.7	74.6	86.5	SW.	....	...	12?	7	W.	7	00		
7	29.880	58.94	28.8	83.8	34.1	93.4	24.1	75.4	80.8	SE.	180	112	16	10	SE.	8	45		
8	29.935	60.32	28.1	82.6	31.4	88.6	23.2	73.7	80.2	NW.	142	88	16	10	WNW.	7	35		
9	29.944	60.59	28.0	82.4	33.5	92.3	21.4	70.6	76.0	variable	104	65	10	6	WSW.	9	15		
10	29.931	60.23	27.8	82.0	32.5	90.5	21.4	70.5	77.3	variable	114	71	15	9	W.	8	40		
11	29.897	59.37	28.2	82.8	32.9	91.2	21.9	71.4	76.2	variable	110	68	11	7	W.	10	40		
12	29.838	57.89	27.3	81.1	32.2	89.9	21.5	70.7	81.6	variable	132	82	11	7	SE.	8	00	0.055	1.4
13	29.814	57.26	26.9	80.4	29.9	85.8	22.8	73.0	81.3	NNE.	165	103	17	11	NNE.	0	00		
14	29.697	54.30	25.4	77.7	26.9	80.4	22.8	73.1	92.4	WNW.	635	395	76	47	WSW.	0	00	3.992	101.4
15	29.797	56.83	25.9	78.6	30.4	86.8	22.7	72.8	91.5	variable	156	97	13	8	SE. by E.	0	10	1.004	25.5
16	29.842	57.98	27.8	82.0	32.4	90.4	23.8	74.8	81.9	variable	98	61	14	9	WSW.	6	10	0.091	2.3
17	29.888	59.14	27.5	81.5	30.8	87.4	23.0	73.4	82.9	W.	162	101	20	12	W.	4	15		
18	29.854	58.27	27.3	81.1	32.2	90.0	22.7	72.9	82.9	W.	190	118	22	14	W.	8	20	0.784	19.9
19	29.793	56.73	26.5	79.7	30.0	86.0	22.7	72.8	88.3	variable	58	36	9	6	NNW.	1	45	0.268	6.8
20	29.768	56.09	27.3	81.1	31.1	88.0	22.8	73.1	79.5	WNW.	88	55	12	7	WNW.	8	30		
21	29.822	57.47	27.1	80.8	30.5	86.9	22.6	72.7	83.2	W.	144	89	16	10	SSW.	4	35	0.335	8.5
22	29.770	56.16	26.9	80.4	28.3	83.0	23.2	73.8	84.4	W., WNW.	190	118	23	14	W. by N.	0	00	0.071	1.8
23	29.694	54.19	25.3	77.5	27.2	81.0	22.3	72.[illegible]	92.6	SSE.	468	291	36	22	SSW.	0	00	3.256	82.7
24	29.772	56.20	27.8	82.0	31.7	89.1	22.6	72.6	80.8	WSW.	191	119	17	11	WSW.	8	05		
25	29.817	57.36	27.8	82.0	30.0	86.0	24.1	75.4	85.0	WSW.	318	198	27	17	WSW.	5	00	0.224	5.7
26	29.854	58.29	27.8	82.0	30.4	86.7	23.7	74.7	80.7	WNW.	362	225	34	21	W. by N.	7	05		
27	29.842	57.98	27.8	82.0	31.1	87.9	23.1	73.6	74.8	variable	220	137	20	12	NW. by W.	9	30		
28	29.859	58.40	27.0	80.6	30.3	86.5	22.6	72.7	78.4	N.	206	128	16	10	WSW.	9	40		
29	29.898	59.41	26.6	79.9	30.8	87.4	21.5	70.7	78.6	variable	148	92	16	10	NW. by W.	10	00		
30	29.909	59.67	26.2	79.2	29.2	84.6	22.8	73.1	87.9	NNE.	100	62	14	9	NNE.	0	10	0.16 5	4.2
31	29.923	60.03	26.7	80.1	29.8	85.6	23.2	73.7	80.7	ENE.	72	45	12	7	ENE.	3	30	0.004	0.1
Mean	29.824	57.53	27.0	80.7	30.4	86.8	22.8	73.1	83.9		223.5	139.0	20.9	13.0		4	53		
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	151-	25	18.005	457.3

(*) Corrected for instrumental error and for temperature, and reduced to sea-level. Correction to standard gravity, –1.72 mm. (–0.068 inch.)

UNIV. OF MICH.
FEB 11 1902

MONTHLY REPORT

OF THE

Board of Health for the Philippine Islands

AND CITY OF MANILA.

NOVEMBER, 1901.

TO HIS EXCELLENCY,

THE HONORABLE W. H. TAFT, CIVIL GOVERNOR.

...BOARD OF HEALTH...

Major L. M. Maus, M. D., U. S. Army	Commissioner of Public Health
Franklin A. Meacham, M. D.	Chief Health Inspector
P. C. Freer, M. D., Ph. D.	Superintendent of Government Laboratories
C. M. Mead, B. S.	Sanitary Engineer
Manuel Gomez Martinez, M. D.	Secretary

POPULATION OF MANILA.

Filipinos	186,619
Chinese	51,567
Americans and others	11,814
Total	250,000

DEATHS OCCURRING DURING THE MONTH OF NOVEMBER.

Filipinos	812
Chinese	26
All others	10
Total	848

ANNUAL DEATH RATE PER THOUSAND FOR THE MONTH.

Filipinos	52.97
Chinese	6.12
Others	10.30
Average	41.29

BIRTHS REPORTED IN OCTOBER.

Filipinos	488
Chinese	2
Others	8
Total	498

ANNUAL BIRTH RATE PER THOUSAND FOR THE MONTH.

Filipinos	31.83
Chinese	.47
Others	8.24
Average	24.25

Office of the Board of Health for the Philippine Islands and City of Manila.

MANILA, P. I., November 14, 1901.

To the

Executive Secretary

to the Civil Governor of the Philippine Islands.

SIR:—

I have the honor to submit herewith the report of the Board of Health for the month of November, 1901. Eight hundred and forty-eight deaths occurred during the month in Manila, as compared with 976 for the same month in 1900. These deaths were divided as follows: Filipinos, 812; Chinese, 26; all others, 10. The annual death rate for the month was 41.29 per thousand, as compared with 48.48 for the same month in 1900. The percentage of death rate among the various nationalities present was as follows: Filipinos, 52.97; Chinese, 6.12; all others, 10.30. Four hundred and ninety-eight births were reported during the month, as compared with 424 for the same month in 1900, giving an annual birth rate for the month of 24.25. These births were divided as follows: Filipinos, 488; Chinese, 2; all others, 8.

The greatest mortality during the month resulted from infantile convulsions, which was the case the preceding month, there being 301 deaths from this cause alone. An investigation is being made by the Board of Health in regard to the large mortality from this cause, the results of which will be submitted in the report for the month of December. Deaths resulting from other prominent causes are as follows: Tuberculosis, 59; acute bronchitis, 58; diarrhoea and enteritis, 55; epidemic diseases not specified, 39; eclampsia, 30; simple meningitis, 25; and dysentery, 25.

Bubonic Plague and Rats.

The city was free from bubonic plague during the month of November, the last case having occurred October 22d. The disappearance of the disease at this season of the year was expected, and practically conforms to the history of the present epidemic. During the month of November, 1900, 3 cases occurred, and after that none appeared until the 31st of December, from which time the disease gradually increased in intensity until it reached its climax during the month of May, and then began to decline until its complete disappearance after the 22d of October.

Since the appearance of plague in Manila (December, 1899), cases have appeared, or rats affected with the disease have been found, in over 300 houses. The Board of Health regards these houses still as focal centers for the disease, and with a view to its eradication, has declared them a menace to the public health and a nuisance to the city of Manila. The Municipal Board has been requested to authorize the closure of all such houses and their cleansing and remodeling to the satisfaction of the Board of Health before reoccupancy. In many instances the cost of repair will practically be equivalent to reconstruction, as many of these houses are old and dilapidated, having dirt floors, and being actually unfit for habitation.

The work of repair in houses on Carvajal Street, which were practically vacated during October, is progressing satisfactorily, and the street is being placed in a thoroughly satisfactory condition. Considerable difficulty was experienced in the prosecution of the work on account of certain lawyers who threatened to get out injunctions against the Board of Health for the radical measures resorted to. Fortunately, the Municipal Board sustained the Board of Health in its actions.

During the past month the Tondo and Arroceros Markets, which were of nipa construction and very insanitary, have been removed and destroyed, the ground thoroughly cleansed and opened to sunlight. A large number of nipa houses in the strong material district have also been removed.

Four thousand, six hundred and eighty-eight rats were caught in the city during the month, and examined at the bacteriological laboratory, and 1¼% of them found infected with plague.

Major Meacham, the Chief Health Inspector, deserves great credit for his activity in the inspection of houses and destruction of rats during the month.

The principal means adopted for the destruction of rats consists of sweet potato food prepared with arsenic. About 500 traps have been circulated in the city also. Cablegrams have been sent to Tokyo, San Francisco and Singapore for the purchase of 6,000 additional traps.

Detention Village.

Contracts were made during the month for the construction of one Superintendent's house, one guardhouse, five private dwellings and three large buildings for the detention of contacts. The work is partially finished and the buildings will probably be ready for occupancy about the middle of January. If necessary, additional buildings will be constructed during the months of January and February, money having been asked for that purpose.

Proposed Medical Legislation and Health Ordinances.

The following proposed acts were forwarded to the Commission for legislative action:

An Act regulating the practice of veterinary medicine, surgery and dentistry in the Philippine Islands.

An Act regulating the practice of pharmacy in the Philippine Islands.

An Act providing for the compulsory vaccination of the inhabitants of the Philippine Islands and for the production of vaccine virus.

An Act regulating the manufacture, sale and other disposition of alcoholic beverages in the Philippine Islands.

An Act providing for the control and suppression of leprosy in the Philippine Islands.

The following resolutions of the Board of Health were forwarded to the Municipal Board during the month for enactment as city ordinances and enforcement:

Resolution as to what may be regarded a nuisance injurious to health. (This list contains three or four hundred conditions, trades, materials, etc.)

Resolution concerning amendment of the ordinance pertaining to infectious or contagious diseases in the city of Manila.

Resolution relative to placing street drainage and gutters in certain parts of the city of Manila in a proper sanitary condition.

Resolution for amendment of ordinance pertaining to the disposal of the dead.

Resolution for amendment of ordinance pertaining to offensive and dangerous trades.

Resolution to the effect that nipa houses within the plague zone of the city of Manila, as defined by the Provost Marshal General for the strong material district, be required to provide proper flooring of cement tiling or hard material or to place wooden or bamboo floors within said houses four feet or more above the ground, and to leave the space beneath clear and open.

Resolution to have all nipa houses in the strong material district so arranged that a space of three meters or more shall be left between each house and neighboring house or houses.

Resolution that the pail conservancy system be established in place of the various insanitary systems now in use for the disposition of night soil.

Resolution that the San Sebastian estero be closed.

Resolution to the effect that the barbering trade be carried on in an aseptic manner.

Resolution forbidding the practice by Chinese and others of cleaning the ears and scraping the eyelids on the streets.

Resolution that occupants of Carvajal Street be required to vacate their houses until said street be placed in a proper sanitary condition.

Resolution amending city ordinance No. 6 relating to diseased animals.

Epidemic Disease Affecting Horses, the Rinderpest and Locust Plague.

Reports have been received from various parts of the archipelago that the epidemic disease now existing in the islands has caused a great mortality among native and American horses. This disease has proven to be Surra's disease, an affection which has been quite prevalent in India for many years. The Board of Health directed Dr. Slee, the Assistant Veterinarian, to visit the principal pueblos in the Camarines for the purpose of isolating and looking after horses affected with the disease and cattle affected with rinderpest. Mr. Lüerssen, the Director of the Serum Institute, was likewise sent to Northern Luzon for the purpose of visiting the provinces of Cagayan and Isabela, where rinderpest was reported. During Mr. Lüerssen's visit to Cagayan, he went to the island of Fuga, which lies 40 miles north of Aparri, and on which cattle are being raised. He reports the Batanes Islands free from rinderpest, but that almost immediately after the cattle arrive in Cagayan or Isabela, they are taken ill with the disease, and that a large number die within a short time. It is reasonable, therefore, to believe that large sections of the archipelago are infected with rinderpest, and that in order to continue successfully cattle raising in future, all cattle brought into the islands or born here will have to be immunized. The conditions of the cattle industry in the Philippine Islands are very similar to those which existed in Southern France 50 years or more ago, and which territory was reclaimed by the work of the distinguished investigators Pasteur and Davaine, to whom the discovery of the bacillus of anthrax is due. It was found necessary by the French Government to institute a system of vaccination in that section of the country, before the territory was restored to the cattle industry.

Very few swarms of locusts have been reported to the Board of Health during the month and it is believed at present that only a few exist in the archipelago. Tubes of fungus for the destruction of locusts have been generously distributed among the provinces where the pest has been reported.

Very respectfully,

L. M. MAUS,

Major and Surgeon, U. S. Army,
Commissioner of Public Health.

Causes of Deaths for the Month of November, 1901.

(STILL-BIRTHS NOT INCLUDED.)

	Nomenclature designed for the statistics of death.	Nomenclatura para las estadísticas de defunciones.	American M.	American F.	European M.	European F.	Philippino M	Philippino F.	Chinese M.	Chinese F.	Total
	I. GENERAL DISEASES.	**I. Enfermedades generales.**									
1	Typhoid Fever (abdominal typhus)	Fiebre tifoidea			1		1	4			6
2	Exanthematic typhus	Tifus exantemático									
3	Recurrent Fever	Fiebre recurrente									
4	Intermittent Fever, and Malarial Cachexia	Fiebre intermitente					8	3			11
4a	Malarial Cachexia	Caquexia palúdica					6	1			7
5	Variola	Viruelas									
6	Measles	Sarampión									
7	Scarlatina	Escarlatina									
8	Whooping Cough	Tos ferina									
9	Diphtheria and Croup	Difteria y Crup									
9a	Diphtheria	Difteria									
10	Grippe	Gripe					1				
11	Miliary Fever	Fiebre miliar									
12	Asiatic Cholera	Cólera asiático									
13	Cholera nostras	Cólera nostras									
14	Dysentery	Disentería	1		1		8	7	2		19
14a	Epidemic Dysentery	Disentería epidémica									
15	Plague	Peste									
16	Yellow Fever	Fiebre amarilla									
17	Leprosy	Lepra					2				2
18	Erysipelas	Erisipelas									
19	Other Epidemic Affections (Beri-Beri)	Otras afecciones epidémicas (Beri-Beri)					20	14	5		39
20	Purulent Infection and Septicæmia	Infección purulenta y septicemia					2	1			3
21	Glanders and Farcy	Muermo y lamparones									
22	Malignant Pustule and Anthrax	Pústula maligna y antrax									
23	Rabies	Rabia									
24	Actinomycosis, Trichinosis, etc	Actinomicosis, trichinosis, etc									
25	Pellagra	Pelagra									
26	Tuberculosis of Larynx	Tuberculosis de la laringe					29	26	6		61
27	Tuberculosis of Lungs	Tuberculosis del pulmón									
28	Tuberculosis of Meninges	Tuberculosis de las meninges									
29	Tuberculosis of Abdomen	Tuberculosis abdominal					1				1
30	Pott's Disease	Mal de Pott									
31	Cold Abscess and Abscess by Congestion	Abscesos fríos y por congestión									
32	White Swellings	Tumores blancos									
33	Tuberculosis of Other Organs	Tuberculosis de otros órganos									
34	Generalized Tuberculosis	Tuberculosis generalizada									
35	Scrofula	Escrófula						1			1
36	Syphilis	Sífilis									
37	Gonorrhea of the Adult	Blenorragia en los adultos									
38	Gonococcic Infections of Children	Afecciones gonocócicas en los niños									
39	Cancer and Other Malignant Tumors of the Buccal Cavity	Cáncer ú otros tumores malignos en la cavidad bucal					1				1
40	Cancer and Other Malignant Tumors of the Stomach and Liver	Cáncer ú otros tumores malignos del estómago, é hígado									
41	Cancer and Other Malignant Tumors of Peritoneum, Intestines, and Rectum	Cáncer ú otros tumores malignos del peritoneo, intestinos y recto									
42	Cancer and Other Malignant Tumors of the Female Genitals	Cáncer ú otros tumores malignos de los órganos genitales de la mujer									
43	Cancer and Other Malignant Tumors of the Breast	Cáncer ú otros tumores malignos de la mama									
44	Cancer and Other Malignant Tumors of the Skin	Cáncer ú otros tumores malignos de la piel					1				1
45	Cancer and Other Malignant Tumors of Other Organs and Organs not Specified	Cáncer ú otros tumores malignos en otros órganos									
46	Other Tumors (Tumors of the Female Genitals excepted)	Otros tumores (exceptuándose los de los órganos genitales de la mujer)					1				1
47	Acute Articular Rheumatism	Reumatismo articular agudo					1	3			4
48	Chronic Rheumatism, and Gout	Reumatismo crónico y gota						1			1
49	Scurvy	Escorbuto									
50	Diabetes	Diabetes									
51	Exophthalmic Goiter	Bocio exoftálmico									
52	Addison's Disease	Enfermedad bronceada de Addison									
53	Leukæmia	Leucemia									
54	Anæmia, Chlorosis	Anemia, clorosis					4	5	4		13
55	Other General Diseases	Otras enfermedades generales									
56	Acute Alcoholism or Chronic	Alcoholismo agudo ó crónico	1		1						2
57	Lead-Poisoning	Saturnismo									
58	Other Poisonings Incident to Occupations	Otras intoxicaciones profesionales crónicas									
59	Other Chronic Poisonings	Otros envenenamientos crónicos									
	II. Diseases of the nervous system and the organs of special sense.	**II. Enfermedades del Sistema Nervioso y de los órganos de los sentidos.**									
60	Encephalitis	Encefalitis						1			1
61	Simple Meningitis	Meningitis simple					14	11			25
61a	Epidemic Cerebro-spinal Meningitis	Meningitis cérebro-espinal epidémica									
62	Progressive Locomotor Ataxia	Ataxia locomotriz progresiva									
63	Other Diseases of the Spinal Cord	Otras enfermedades de la médula espinal									
64	Cerebral Congestion and Hemorrhage	Congestión y hemorragia cerebrales	1				2	4			7
65	Cerebral Softening	Reblandecimiento cerebral									
66	Paralysis Without Apparent Cause	Parálisis sin indicación de causa						1			1
67	General Paralysis	Parálisis generales					2	1			3

	Nomenclature designed for the statistics of death.	Nomenclatura para las estadísticas de defunciones.	American M.	American F.	European M.	European F.	Philippino M.	Philippino F.	Chinese M.	Chinese F.	Total
	II.—Diseases of the Nervous System and the Organs of Special Sense.	**II.—Enfermedades del sistema nervioso y de los órganos de los sentidos.**									
68	Other Forms of Insanity	Otras formas de alienación mental									
69	Epilepsy	Epilepsia									
70	Eclampsia (nonpuerperal)	Eclampsia (no puerperal)					15	15			30
71	Convulsions of Children	Convulsiones en los niños					156	145			301
72	Tetanus	Tétano					4	5			9
73	Chorea	Corea									
74	Other Diseases of the Nervous System	Otras enfermedades del sistema nervioso					11	6			17
75	Diseases of the Eye and its Adnexa	Enfermedades de ojos y sus anexos									
76	Diseases of the Ear	Enfermedades de los oidos									
	III.	**III.**									
	Diseases of the Circulatory System.	**Enfermedades del aparato circulatorio.**									
77	Pericarditis	Pericarditis					1				1
78	Acute Endocarditis	Endocarditis aguda					4				4
79	Organic Disease of the Heart	Enfermedades orgánicas del corazón					5	2	1		8
80	Angina Pectoris	Angina de pecho					9	6			15
81	Affections of the Arteries (Atheroma, Aneurism, etc.)	Afecciones de las Arterias, etc.					1	3			4
82	Embolus and Thrombosis	Embolia y Trombosis					1	2			3
83	Affections of the Veins (Varices, Hemorrhoides, Phlebitis)	Afecciones de las venas									
84	Affections of the Lymphatic System (Lymphangitis, etc.)	Afecciones del sistema linfático									
85	Hemorrhages	Hemorragias					1	1			2
86	Other Affections of the Circulatory System	Otras afecciones del aparato circulatorio									
	IV.	**IV.**									
	Diseases of the Respiratory System.	**Enfermedades del aparato respiratorio.**									
87	Diseases of the Nasal Fossæ	Enfermedades de las fosas nasales									
88	Affections of the Larynx	Afecciones de la laringe					9	6			15
89	Affections of the Thyroid Body	Afecciones del cuerpo tiroideo									
90	Acute Bronchitis	Bronquitis aguda					32	26			58
91	Chronic Bronchitis	Bronquitis crónica					7	5			12
92	Broncho-Pneumonia	Bronco-pneumonia					5				5
93	Pneumonia	Pneumonia					3	1			4
94	Pleurisy	Pleuresia									
95	Pulmonary Congestion and Apoplexy	Congestion y apoplegia pulmonares					4	1			5
96	Gangrene of the Lungs	Gangrena del pulmón									
97	Asthma	Asma									
98	Pulmonary Emphysema	Enfisema pulmonar									
99	Other Diseases of the Respiratory System (Phthisis excepted)	Otras enfermedades del aparato respiratorio (exceptuándose la tisis)									
	V.	**V.**									
	Diseases of the Digestive System.	**Enfermedades del aparato digestivo.**									
100	Affections of the Mouth and its Adnexa	Afecciones de la boca y de sus anexos									
101	Affections of the Pharynx	Afecciones de la faringe									
102	Affections of the Esophagus	Afecciones del esófago									
103	Ulcer of the Stomach	Ulcera del estómago					2	2			4
104	Other Affections of the Stomach (Cancer excepted)	Otras afecciones del estómago (exceptuándose el cáncer)					1	2			3
105	Diarrhea and Enteritis (under 2 years)	Diarrea y enteritis (en niños menores de 2 años)					16	12			28
105a	Chronic Diarrhea and Enteritis	Diarrea y enteritis crónica					14	13	4		31
106	Diarrhea and Enteritis (2 years and over)	Diarrea y enteritis (en niños de 2 ó más años)					1	5			6
107	Intestinal Parasites	Parásitos intestinales									
108	Hernias; Intestinal Obstructions	Hernias; obstrucciones intestinales					1	1			2
109	Other Affections of the Intestines	Otras afecciones del intestino									
110	Acute Yellow Atrophy of the Liver	Ictericia grave			1		2				3
111	Hydatid Tumors of the Liver	Tumores hidátidicos del hígado									
112	Cirrhosis of the Liver	Cirrosis del hígado					3				3
113	Biliary Calculi	Cálculos biliares									
114	Other Affections of the Liver	Otras afecciones del hígado	1				4	1			6
115	Affections of the Spleen	Afecciones del bazo									
116	Simple Peritonitis (Puerperal excepted)	Peritonitis simple (exceptuándose la puerperal)					1	1	1		3
117	Other Affections of the Digestive System (Cancer and Tuberculosis excepted)	Otras afecciones del aparato digestivo (exceptuándose el cáncer y tuberculosis)									
118	Appendicitis and Abscess of the Iliac Fossa	Apendicitis y flemón de la fosa iliaca									
	VI.	**VI.**									
	Diseases of the Genito-Urinary System and its Adnexa.	**Enfermedades del aparato génito urinario y de sus adnexos.**									
119	Acute Nephritis	Nefritis aguda						2			2
120	Bright's Disease	Mal de Bright					2	1			3
121	Other Diseases of the Kidneys and their Adnexa	Otras enfermedades de los riñones y de sus anexos									
122	Calculi of the Urinary Tract	Cálculos de las vías urinarias									
123	Diseases of the Bladder	Enfermedades de la vegiga									
124	Diseases of the Urethra, Urinary Abscess, etc.	Enfermedades de la uretra									
125	Diseases of the Prostate	Enfermedades de la próstata									
126	Nonvenereal Diseases of the Male Genital Organs	Enfermedades no venereas de los órganos genitales del hombre									
127	Metritis	Metritis									
128	Uterine Hemorrhage (nonpuerperal)	Hemorragia uterina (no puerperal)									
129	Tumor, Uterine (noncancerous)	Tumor uterino (no canceroso)									
130	Other Diseases of the Uterus	Otras enfermedades del útero									
131	Cysts and Other Tumors of the Ovary	Quistes y otros tumores del ovario									
132	Other Diseases of the Female Genital Organs	Otras enfermedades de los órganos genitales de la mujer									
133	Nonpuerperal Diseases of the Breast (Cancer excepted)	Enfermedades no puerperales de la mama (exceptuándose el cáncer)									

	Nomenclature designed for the statistics of death.	Nomenclatura para las estadisticas de defunciones.	American M.	American F.	European M.	European F.	Filipino M.	Filipino F.	Chinese M.	Chinese F.	Total
	VII. The Puerperal State.	**VII. Estado puerperal.**									
134	Accidents of Pregnancy	Accidentes de la preñez					4				4
135	Puerperal Hemorrhage	Hemorragia puerperal					1				1
136	Other Accidents of Labor	Otros accidentes del parto					5				5
137	Puerperal Septicæmia	Septicemia puerperal									
138	Albuminuria and Puerperal Eclampsia	Albuminuria y eclampsia puerperales					1				1
139	Puerperal Phlegmasia Alba Dolens	Flegmasia alba dolens puerperal									
140	Other Puerperal Accidents-Sudden Death	Otros accidentes puerperales: Muerte repentina									
141	Puerperal Diseases of the Breast	Enfermedades puerperales de la mama									
	VIII. Diseases of the Skin and Cellular Tissue.	**VIII. Enfermedades de la piel y del tejido celular.**									
142	Gangrene	Gangrena									
143	Furuncle	Forúnculo									
144	Warm-acute Abscess	Abscesos calientes agudos									
145	Other Diseases of the Skin and its Adnexa	Otras enfermedades de la piel									
	IX. Diseases of the Organs of Locomotion.	**IX. Enfermedades de los órganos de la locomoción.**									
146	Affections of the Bones (nontuberculous)	Afecciones de los huesos (exceptuando la tuberculosis)									
147	Diseases of the Joints (Tuberculosis and Rheumatism excepted)	Afecciones de las articulaciones (exceptuando la tuberculosis y el reumatismo)									
148	Amputation	Amputación									
149	Other Affections of the Organs of Locomotion	Otras afecciones de los órganos de la locomoción									
	X. Malformations.	**X. Vicios de conformación.**									
150	Congenital Malformations (Stillbirths excepted)	Vicios de conformación congénitos (exceptuándose los de niños nacidos muertos)					2	2			4
	XI. Early Infancy.	**XI. Primera infancia.**									
151	Congenital Debility, Icterus and Sclerema	Debilidad congénita, ictericia y esclerema					2	1			3
152	Other Special Diseases of Early Infancy	Otras enfermedades especiales de la primera edad									
153	Lack of Care	Falta de cuidados									
	XII. Old age.	**XII. Vejez.**									
154	Senile Debility	Debilidad senil					3	9			12
	XIII. Affections Produced by External Causes.	**XIII. Afecciones producidas por causas exteriores.**									
155	Suicide by Poison	Suicidio por envenenamiento									
156	Suicide by Asphyxia	Suicidio por asfixia	1								1
157	Suicide by Hanging or Strangulation	Suicidio por suspensión ó por extrangulación									
158	Suicide by Submersion	Suicidio por submersión									
159	Suicide by Firearms	Suicidio por armas de fuego									
160	Suicide by Cutting Instruments	Suicidio por instrumentos cortantes									
161	Suicide by Jumping from High Place	Suicidio por dejarse caer desde un punto elevado									
162	Suicide by Crushing	Suicidio por aplastamiento									
163	Other Suicides	Otros suicidios									
164	Fractures	Fracturas									
165	Dislocations	Luxaciones									
166	Other Accidental Traumatisms	Otros traumatismos accidentales					1	1	1		3
167	Burns	Quemaduras por el fuego									
168	Burning by Corrosive Substances	Quemaduras por substancias corrosivas									
169	Insolation	Insolación									
170	Freezing	Congelación									
171	Electrical Shocks	Commoción eléctrica									
172	Accidental Submersion	Submersión accidental					3	8			11
173	Inanition	Inanición									
174	Inhalation of Deleterious Gases (Suicide excepted)	Absorción de gases deletéreos									
		Otros envenenamientos agudos					1		1		2
175	Other Acute Poisonings	Otras violencias exteriores									
176	Other External Violence										
	XIV. Ill-defined Diseases.	**XIV. Enfermedades mal definidas.**									
177	Dropsy	Hidropesía									
178	Sudden Death	Muerte repentina	1				1		1		3
179	Unspecified or Ill-defined Causes of Death	Causas de muerte no especificadas ó mal definidas									
	Total		6		4		132	380	26		548
	Grand Total		6		4		812		26		848

DEATHS BY AGE.

Under 30 days	108
30 days to 1 year	397
1 year to 2 years	19
2 years to 5 years	15
5 years to 10 years	12
10 years to 15 years	3
15 years to 20 years	17
20 years to 25 years	41
25 years to 30 years	44
30 years to 40 years	70
40 years to 50 years	40
50 years to 60 years	29
60 years to 70 years	22
70 years to 80 years	12
80 years to 90 years	10
90 years to 100 years	7
Unknown	2
Total	848

Still-births 29.

DEATHS BY DISTRICTS.

Walled City	93
Binondo	62
San Nicolas	85
Tondo	197
Santa Cruz	149
Quiapo	47
Sampaloc	80
San Miguel	40
Paco	53
Ermita	21
Malate	28
Pandacan	20
Brought from outside City limits	2
Total	877

9 of above were still-births.

Number of deaths with medical attendance	269
Number of deaths without medical attendance	582
Number of deaths, Chinese	26
Total	877

29 of above were still-births.

Comparative Mortality from October 1, 1899, to November 30, 1901.

MONTH.	1899. No. Deaths.	1899. Annual Death rate per 1000.	1900. No. Deaths.	1900. Annual Death rate per 1000.	1901. No. Deaths.	1901. Annual Death rate per 1000.
October	—	—	—	—	—	—
November	1235	61.39	976	48.48	848	41.29
December	1162	55.90	905	43.54	—	—
January	—	—	1055	50.65	753	36.22
February	—	—	884	47.08	689	36.69
March	—	—	887	42.67	885	42.67
April	—	—	805	40.02	886	44.04
May	—	—	732	35 21	903	43.44
June	—	—	599	29.79	621	30.89
July	—	—	787	37.09	608	28.46
August	—	—	825	38.88	702	33.08
September	—	—	1027	50.01	767	37.25

(1) Death rate computed on population of 244,732 (Health Dept. Census); still-births included.
(2) Death rate computed on population of 250,000; still-births not included.

Summary of Statistics of Births and Deaths.

Population, census (Health Department)	250,000
Mortality for the month of November	848
Annual death rate per 1000 for month of November	41.29
*Births reported	498
Annual birth rate (based on reports)	24 25

*Incomplete.

Monthly Statement from U. S. Office of Identification Morgue, Manila, P. I., November, 1901.

	Officers.	Soldiers.	Civilian Employees.	Native Employees.	American Women.	Total.
Number of deaths in military hospitals City of Manila	1	9	0	0	0	10
Number of bodies received from various posts in the Archipelago	2	6	0	0	0	8
Number of burials in the National Cemetery	0	0	2	0	0	2
Number of bodies embalmed and shipped to the United States	2	15	0	0	0	17
Number of remains disinterred in Manila (National Cemetery) for shipment to United States	0	0	0	0	0	0
Number of bodies buried in English Cemetery, San Pedro Macati	0	0	0	0	0	0
Number Remaining in the Morgue awaiting shipment to the U. S.	1	0	0	0	1	2

BURIALS, NOVEMBER, 1901.

CEMETERIES.	No.
Loma [Government]	285
Paco General [Government]	22
Santa Cruz	3
Balic-balic	129
Binondo	15
Tondo	265
Maytubig	45
Malate	54
Pandacan	19
Chinese	30
Crematory	3
Santa Ana	4
American National Cemetery	2
San Pedro Macati Cemetery	1
TOTAL	877

29 of above were still-births.

CREMATORIES.

NOVEMBER, 1901.	Cart loads of refuse consumed.	Carcasses of horses consumed.	Carcasses of mules consumed.	Carcasses of carabaos consumed.	Carcasses of cows consumed.	Carcasses of small animals consumed.
Paco	1137	136	41	8	1	80
Santa Cruz	806	88	17	37	42	99
TOTAL	1943	224	58	45	43	179

Number of loads of garbage dumped in suburbs 4,597
Number of loads of garbage dumped at sea 1,768

VETERINARY DIVISION.

WILLIAM W. RICHARDS, V. S. — City Veterinarian.
JOHN G. SLEE, D. V. S. — Ass. City Veterinarian.

On arrival in City.	Number of cattle inspected	1,673
	Number of hogs inspected	4,758
	Number of carabaos inspected	48
	Number of sheep inspected	3
	Number of goats inspected	14
	Number of horses inspected	405
	Number of other animals inspected	5
In Government Slaughterhouse	Number of cattle slaughtered	1,574
	Number of hogs slaughtered	4,931
	Number of cattle condemned and cremated	3
	Number of hogs condemned and cremated	53
Number of horses condemned for glanders		17

DISINTERMENTS, NOVEMBER, 1901.

Santa Cruz Cemetery	4
Paco Cemetery	4
Chinese Cemetery (for removal to China)	17
Binondo Cemetery	4
TOTAL	29

DIVISION OF INSPECTION.

Number of inspections and re-inspections	25,119
Number of adverse reports made by inspectors	7,995
Number of written notices served	541
Legal proceedings instituted for non-compliance with notice served	
Number of permits issued to clean vaults, drains, etc.	243
Houses disinfected	
Premises complied with	290
Barrels of night soil conveyed to sea	5,019

VACCINE INSTITUTE.

SATURNINO ESPEJO, DIRECTOR.

Vaccine virus issued during month ending November 30, 1901.

Army	3,250 units
Navy	3,600 units
Inhabitants of the Archipelago [excluding Manila]	23,230 units
Inhabitants of Manila	915 units
TOTAL	30,995 units

VACCINATION, NOVEMBER, 1901.

	Walled City.	Binondo.	San Nicolas.	Tondo.	Santa Cruz.	Quiapo.	San Miguel.	Sampaloc.	Paco.	Ermita.	Malate.	TOTAL.
Children	44	61	105	57	47	40	27	4	34	38	52	548
Adult	47	38	34	23	42	32	27	20	23	30	51	367
TOTAL	91	99	139	80	89	72	54	63	57	68	103	915

INFECTIOUS DISEASES REPORTED DURING MONTH OF NOVEMBER, BY DISTRICTS.

	Walled City.	Binondo.	San Nicolas.	Tondo.	Santa Cruz.	Quiapo.	Sampaloc.	San Miguel.	Paco.	Ermita.	Malate.	Pandacan.	Total.
Typhoid Fever				1					1				2
Measles	1	1		1	1		1	1			2		8
Tuberculosis of Lungs		2		2	5	4	1		2		2		18
Total	1	3		4	6	4	2	1	3		4		28

SPECIAL REPORT OF TUBERCULOSIS OF LUNGS.

Total Number of Cases.	Female.	Male.	15 Years to 30 Years.	30 Years to 60 Years.	Hereditary.	Non-Hereditary.	With Resources.	Without Resources.	With Microscopic Examination.	Without Microscopic Examination.
12	4	8	9	3	9	3	10	2	6	6

REPORT FROM BUREAU OF GOVERNMENT LABORATORIES.

LOCUST SWARMS.

Locusts were reported in Batangas, Cebu, Ilocos Norte, Marinduque, Mindanao, Nueva Ecija, Occidental Negros, Oriental Negros and Tayabas.

Seventy tubes containing fungus culture were sent out to these districts. Reports of results have not as yet been received. The locusts swarms seem to be diminishing throughout the islands owing to the advent of the dry season.

Rats caught and delivered to Board of Health up to and including November 30, 1901 6298

PLAGUE.

	Total Rats.	Plague Rats.	Per Cent.
November 1	19		
" 2	29		
" 3	31		
" 4	29		
" 5	51	2	3.92
" 6	41		
" 7	53		
" 8	53		
" 9	46	1	2.17
" 10	38	1	2.64
" 11	47		
" 12	49		
" 13	64		
" 14	134		
" 15	83	3	3.61
" 16	78		

	Total Rets.	Plague Rets.	Per Cent.
November 17	1		
" 18	85	1	1.17
" 19	80	1	1.25
" 20	135	1	.74
" 21	82		
" 22	202	1	.49
" 23	716	8	1.11
" 24	675	7	1.03
" 25	727	11	1.51
" 26	270	2	.74
" 27	200	4	2.00
" 28	69	3	4.34
" 29	424	6	1.41
" 30	225	2	.88
Total	4736	54	1.14

PLAGUE REPORT BY WEEKS.

	Total Rats.	Plague Rats.	Per-centage.
Week ending November 7	253	2	.79
Week ending November 14	431	2	.46
Week ending November 21	544	6	1.10
Week ending November 28	2859	36	1.25
November 29 and 30	649	8	1.23
	4736	54	1.14

ANALYSES.

28 Urine; 2 Mineral; 1 Coffee; 1 Human Organs for suspected morphine; 1 Capsule of medicine for suspected morphine.

ANALYTICAL AND DIAGNOSTIC.

Nature.	Negative.	Positive.	Diagnosis.
Urine	2	4	3 with casts: 1 with pus.
Faeces	17	6	4, A. dysentericæ; 1 Trichoseph. dispar.; 1 Oxyuris Vermicularis.
Blood	37	5	4, Malaria; 3 Aestivo autumnal; 1 Tertian.
Sputum	34	26	Tubercle bacilli.
Gonococcus	21	14	
Blood Counts	one		Red 4,000,000; White 8,000.

Total negative, 111; positive, 55; *Total*, 166.

METEOROLOGICAL OBSERVATIONS

DEDUCED FROM HOURLY OBSERVATIONS,

FOR MONTH OF NOVEMBER, TAKEN FROM "OBSERVATORIO CENTRAL DE MANILA."

Date	Barometer (*) Mean		Temperature Mean		Temperature Maximum		Temperature Minimum		Relative humidity	Prevailing direction	Wind Total daily motion		Wind Maximum Force		Wind Maximum Direction	Sunshine		Rainfall	
Nov.	Inches	mm.	C.	F.	C.	F.	C	F.	Mean		Km.	Miles	Km.	Miles		H	m.	Inches	mm.
1	29.931	760.23	27.2	81.0	31.7	89.0	21.4	70.6	77.8	NNE.	160	99	26	16	NE. by N.	8	35	0.472	12.0
2	29.922	60.01	24.5	76.1	26.6	79.8	22.4	72.3	90.9	N.	74	46	12	7	NNE.	0	00	0.181	4.6
3	29.922	60.00	25.0	77.0	29.1	84.3	21.4	70.6	91.6	N.	168	104	17	11	N.	4	35	1.342	34.1
4	29.942	60.52	24.8	76.6	27.3	81.1	21.4	70.5	90.4	NNE.	118	73	20	12	N.	0	00	0.209	5.3
5	29.922	59.99	24.7	76.5	27.2	80.9	22.3	72.2	93.2	N.	84	52	8	5	NNE.	0	10	1.394	35.4
6	29.884	59.05	25.0	77.0	27.2	81.0	22.1	71.7	92.7	NNE.	112	70	12	7	NNE.	0	00	0.874	22.2
7	29.812	57.21	25.4	77.7	27.9	82.2	22.8	73.1	93.7	WSW., SW.	276	172	34	21	WSW.	0	00	2.193	55.7
8	29.830	57.68	25.4	77.7	27.3	81.2	22.4	72.4	93.5	SE.	234	145	26	16	SSW.	0	00	1.559	39.6
9	29.850	58.18	26.7	80.1	30.1	86.1	23.8	74.9	88.9	SE.	144	89	12	7	SE.	1	05	0.035	0.9
10	29.883	59.03	27.5	81.5	31.1	88.0	22.8	73.1	85.9	variable	99	62	10	6	W.	7	30		
11	29.907	59.62	27.6	81.7	32.1	89.8	22.3	72.1	83.3	WNW.	147	91	15	9	W.	9	55		
12	29.918	59.90	27.3	81.1	32.8	91.1	21.9	71.5	80.2	variable	150	93	14	9	NE.	9	15		
13	29.936	60.35	25.5	77.9	29.6	85.2	22.7	72.8	88.7	variable	115	71	14	9	SSE.	3	15	1.126	28.6
14	29.901	59.47	27.1	80.8	31.3	88.3	22.7	72.8	79.7	N.	149	93	18	11	N.	5	05	0.008	0.2
15	29.876	58.82	27.2	81.0	31.1	88.0	22.7	72.8	82.5	NNE.	140	87	19	12	ENE.	8	20	0.032	0.8
16	29.873	58.75	26.5	79.7	30.6	87.0	22.7	72.9	87.2	WNW.	118	73	14	9	W.	4	30	0.543	13.8
17	29.896	59.34	27.1	80.8	31.7	89.0	22.6	72.7	85.5	variable	130	81	12	7	NE.	6	50	0.032	0.8
18	29.919	59.93	26.4	79.5	30.6	87.0	22.8	73.0	88.2	ENE.	132	82	18	11	NW.	3	05	0.035	0.9
19	29.876	58.83	26.5	79.7	29.1	84.4	23.2	73.8	88.8	NNE.	88	55	10	6	N.	0	30	0.004	0.1
20	29.878	58.90	26.8	80.2	33.0	91.4	22.6	72.6	84.2	NE.	200	124	18	11	ESE.	6	40	0.059	1.5
21	29.912	59.76	26.8	80.2	31.7	89.0	22.6	72.6	85.3	NE., ENE.	118	73	14	9	NE.	7	30		
22	29.930	60.20	27.1	80.8	31.8	89.2	22.2	72.0	83.4	NE.	122	76	14	9	WNW.	7	30	0.067	1.7
23	29.927	60.13	27.1	80.8	31.1	87.9	23.1	73.5	85.2	NNE., NE.	102	63	10	6	NW.	3	45		
24	29.936	60.34	27.0	80.6	31.6	88.8	22.9	73.3	85.0	NE.	172	107	14	9	NE.	7	10	0.209	5.3
25	29.943	60.55	25.0	77.0	27.2	81.0	22.0	71.6	89.5	N.	230	143	24	15	N.	0	05	1.827	46.4
26	29.930	60.19	26.3	79.3	30.2	86.3	22.2	71.9	82.3	NE.	158	98	17	11	N.	5	15		
27	29.892	59.25	26.8	80.2	31.7	89.1	22.0	71.6	83.8	variable	127	79	12	7	SE.	7	50		
28	29.881	58.98	26.9	80.4	30.6	87.0	22.4	72.3	84.8	variable	118	73	14	9	WNW.	6	30		
29	29.898	59.39	26.9	80.4	30.2	86.4	23.3	73.9	84.0	NW.	120	75	12	7	NNW.	5	30	0.035	0.9
30	29.947	60.65	26.5	79.7	31.1	88.0	22.4	72.3	80.4	ENE.	115	71	10	6	ENE.	6	15		
Mean	29.902	59.51	26.4	79.4	30.2	86.2	22.5	72.4	86.4		140.7	87.3	15.7	9.7		4	33		
Total											**4220**	**2620**				136-	40	12.236	310.8

(*) Corrected for instrumental error and for temperature, and reduced to sea-level. Correction to standard gravity, −1.72 mm. (−0.068 inch).

GENERAL LIBRARY,
UNIV. OF MICH.
R 18 1902

MONTHLY REPORT

OF THE

Board of Health for the Philippine Islands

AND CITY OF MANILA.

DECEMBER, 1901.

TO THE HONORABLE

DEAN C. WORCESTER, Secretary of the Interior.

...BOARD OF HEALTH...

Major L. M. Maus, M. D., U. S. Army	Commissioner of Public Health
Franklin A. Meacham, M. D.	Chief Health Inspector
P. C. Freer, M. D., Ph. D.	Superintendent of Government Laboratories
C. M. Mead, B. S.	Sanitary Engineer
Manuel Gomez Martinez, M. D.	Secretary

POPULATION OF MANILA.

Filipinos	186,619
Chinese	51,567
Americans and others	11,814
Total	250,000

DEATHS OCCURRING DURING THE MONTH OF DECEMBER.

Filipinos	815
Chinese	29
All others	14
Total	858

ANNUAL DEATH RATE PER THOUSAND FOR THE MONTH.

Filipinos	51.45
Chinese	6.62
Others	13.96
Average	40.43

BIRTHS REPORTED IN DECEMBER.

Filipinos	402
Chinese	00
Others	4
Total	406

ANNUAL BIRTH RATE PER THOUSAND FOR THE MONTH.

Filipinos	25.37
Chinese	.00
Others	3.98
Average	19.13

Office of the Board of Health for the Philippine Islands and City of Manila.

MANILA, P. I., January 1902.

To the

Honorable Secretary of the Interior.

SIR:—

I have the honor to submit herewith the report of the Board of Health for the month of December, 1901. Eight hundred and forty-eight deaths occurred in Manila during the month, as compared with 905 for the same month in 1900. These deaths were divided as follows: Filipinos, 815; Chinese, 29; all others, 14. The annual death rate for the month was 40.43 per thousand, as compared with 36.20 for the same month in 1900. The percentage of death rate among the various nationalities was as follows: Filipinos, 51.45; Chinese, 6.62; all others, 13.96. Four hundred and six births occurred during the month, as compared with 504 for the same month in 1900, 402 of which occurred among Filipinos, and 4 among all others. The annual birth rate for the month was 19.13, as compared with 20.16 for the same month in 1900. The percentage for Filipinos was 25.37; for all others, 3.98. It is noted that all the births except 4 occurred among Filipinos, although there is a Chinese population of 51,567 in the city and a population of Americans and others amounting to 11,814. Practically, there are no Chinese women in Manila, the majority of married Chinamen either have their wives in China or are married to Filipinas, and the births among the latter are classed as Filipinos. The small percentage of births occurring among the Americans and all others may be ascribed to the fact that very few women of these nationalities are living in the Philippines.

The greatest mortality during the month resulted from infantile convulsions, there being 255 deaths reported from this cause alone. The municipal physicians were called upon to submit a report as to the causation of such a large death rate from convulsions among infants. Dr. Cavanna states that a large majority of the deaths reported from this cause are certified to by physicians who first see the case after death and make a diagnosis from questioning the mother or friends of deceased, and believes that many of these cases are improperly diagnosticated. Very frequently deaths among infants are accompanied by convulsive movements more or less, and hence the deaths are regarded by the mothers as due to convulsions. He believes that gastric disturbances are the prime cause of infantile convulsions. Dr. Ageo believes that convulsions among infants are due: (1) to changes in atmospheric pressure and temperature; (2) to lack of hygienic care, and (3) to deficient nutrition and general lack of development. Dr. Pantojo is of the opinion that deficient nutrition, overcrowding, scrofula, enteritis, meningitis and difficult dentition are the principal causes. Dr. Reyes believes that gastric disturbances are the prime cause, but also states that mothers not infrequently endeavor to hasten the growth and improve the health by continuous lactation, which has an injurious effect, especially as the milk and food given are frequently bad. He also believes that cerebral congestion is brought about by humid surroundings and damp floors in the houses in which they live. He also ascribes frequent deaths from this cause to weakness of the nervous system and states that infants are frequently allowed to nurse immediately after the mother has experienced an intense emotion either through pleasure or sorrow. Dr. Mora is of the opinion that the most of these deaths are due to difficult dentition, anemia, scrofula and improper alimentation; also that the bad hygienic condition of the houses in which the people live has much to do with the disease. Many of the nipa houses in which this class of natives live are built over swampy and damp places. Dr. Castaneda believes that the deaths from this cause are due to poor hygienic conditions and irregularity in feeding; also states that he believes the milk of the mother is frequently affected on account of their habit of drinking alcoholic beverages (bino) while nursing the children. Dr. Rosario believes the majority of these deaths are due to gastric disturbances and insanitary surroundings.

Reports on Leprosy.

Blank reports were forwarded to the secretaries of all provinces under civil form of government, about the middle of September; also to medical officers stationed in the various provinces, and to the Constabulary, for the collection of information regarding the number of lepers living in the Philippine Islands. Up to date, reports have been received from 2,257 cases. Reports were received from a number of the pueblos in Antique, Batangas, Bataan, Benguet, Ambos Camarines, Bulacan, Ilocos Norte, Ilocos Sur, Leyte, Masbate, Cagayan, Lepanto, Cavite, Nueva Ecija, Negros Occidental,

Pampanga, Pangasinan, Rizal, Marinduque, Laguna, Tarlac, Sorsogon, Romblon, Samar, Union, Zambales, Cottabato, Cebu, and Iloilo. Number of men reported, 1385; number of women 731; number of children under 12 years: girls, 94; boys, 47; number of single lepers (males), 722; number of single lepers (females), 382; number of married (males), 558; number of married (females), 242; number of widowers, 111; number of widows, 101. Reports have been received from 302 towns, leaving about 698 towns to be heard from. The percentage of pueblos heard from amounts to 30 per cent; those not heard from, 70 per cent. Should the percentage of lepers in the pueblos not reported be the same as in those heard from, the number of lepers in the archipelago would amount to about 7,500.

During the month, the Secretary of the Interior, Commissioner of Public Health and the Sanitary Engineer visited the Islands of Cagayan de Jolo and Kulion, for the purpose of definitely locating the proposed leprosy colony. Cagayan de Jolo, while sufficiently large and possessing agricultural and other advantages, did not contain a sufficient amount of water to warrant its selection. Besides, the island was reported to contain about 3,000 Moros.

The island of Kulion, which belongs to the Calamianes group, is about 20 miles long by 8 or 10 wide and is only 20 hours from Manila by steamer. This island, in my opinion, would be admirably adapted to such a colony. It contains a number of beautiful valleys and clear streams, the latter affording sufficient water for irrigation as well as for drinking and other purposes. The inhabitants number about 800, six hundred of whom are Tagbanuas, a semi-civilized race. Besides, very little property has been taken up by the inhabitants and its purchase would cost the Government very little money. The island is also well supplied with harbors, one on the northeast and the other on the southwest coast, affording excellent anchorage for vessels at all seasons of the year.

Bubonic Plague and Rats.

Seven cases of plague occurred during the month, on the following dates, viz: December 9th, 10th, 11th (2 cases), 24th, 26th (2 cases); one in an American teamster employed at the Government corral. Upon investigation it was found that this man was living with a woman of questionable character in the Walled City. Death occurred three days from the date of attack. The other six cases occurred as follows: 2 Filipinos, females; 3 Filipinos, males; 1 Chinese. Four of the cases occurred in the Walled City, one in Binondo, one in Santa Cruz and one in Trozo. Death occurred in each case.

Nine thousand one hundred and thirty-nine rats were caught or collected during the month and sent to the biological laboratory for examination. Among these 122 were found affected with plague, giving a percentage of 1.33. From five to seven thousand plates of poison were set out each night in addition to the traps, and it is believed that a large number of rats have been killed but never recovered; probably for every rat caught or recovered, ten disappeared and died in the esteros or elsewhere.

Inspection and Cleaning of Houses.

About 2,000 houses were cleaned and disinfected during the month and about 10,000 cartloads of dirt taken from these houses. The material carted away consisted of dirt, filth, infected earth, rubbish, mats, rags, broken furniture, broken tiles, brick, etc. In some instances as many as 20 wagonloads were taken from one house. Cases of plague had occurred, or rats infected with the disease were found in about 25% of these houses. The houses were disinfected with chloride of lime, carbolic acid or solutions of bichloride of mercury. This work was done under the direction of Medical Inspector Meyer Herman, who deserves great credit for his energetic and efficient work.

The Assistant Sanitary Engineer, Mr. H. D. Osgood, inspected about 200 houses in the city in which plague cases had occurred or rats infected with the disease were found, and submitted estimates for their repair and remodeling. Already a large number of these houses have been repaired and placed in a sanitary condition and a number are under way.

The streets of the city have been kept in an excellent condition and reflect great credit on the Superintendent of Streets and Parks, Mr. J. L. Mudge.

Health Laws and City Ordinances.

Laws regulating the practice of medicine, enforcing compulsory vaccinations, organization provincial and municipal boards of health, were passed by the Civil Commission during the month.

The following resolutions were passed by the Board of Health and submitted to the Municipal Board for enactment:

1. Resolution regarding the management of laundries.

2. Resolution prohibiting the washing of wearing apparel or household linen in waters taken from infected wells or the esteros of the city without boiling.

3. Resolution declaring the ruins of buildings, such as churches, warehouses, etc., in the city of Manila a menace to the public health on account of being a rendezvous for infected rodents, collection of filth and dirt and places for the habitation of the lower classes, resulting in the spread and propagation of tuberculosis and catarrhal diseases.

4. Resolution declaring 311 Calle Jolo and Nos. 84-92 Calle Alaya a menace to the public health on account of their uncleanly condition.

5. Resolution declaring the sale of hides, horns, hoofs, tallow and other parts of animals from the islands of Luzon, Cebú, Panay, Masbate, Burias, Leyte, Bohol, Negros and Marinduque a potent cause for the spread of rinderpest on account of its presence in these islands.

6. Resolution authorizing bids for the manufacture of pails, commodes and midden sheds for the installation of the pail system.

7. Resolution declaring that the appointment of Assistant Sanitary Engineer for the Board of Health was necessary for the purpose of inspecting plague houses, preparing estimates for placing them in a proper sanitary condition, etc.

8. Resolution to the Municipal Board requesting the enforcement of Municipal Ordinance No. 4 in regard to the collection of garbage by means of cans.

9. Resolution to the Municipal Board requesting that a poor-house be set apart for the city poor.

10. Resolution calling upon the Sanitary Engineer of the Board and the chief of the Bureau of Government Architecture for plans and specifications for the erection of suitable tenement houses for the poor of the city.

Surra's Disease, Rinderpest and Locust Plague.

Surra's disease has been quite prevalent in the Camarines during the past month and a large number of horses have died from this disease. Few cases of rinderpest have been reported and no cases of locust swarms.

Very respectfully,

L. M. MAUS,

Major and Surgeon, U. S. Army,
Commissioner of Public Health.

Causes of Deaths for the Month of December, 1901.

(STILL-BIRTHS NOT INCLUDED.)

	Nomenclature designed for the statistics of death.	Nomenclatura para las estadisticas de defunciones.	American M.	American F.	European M.	European F.	Philippino M	Philippino F.	Chinese M.	Chinese F.	Total
	I. GENERAL DISEASES.	**I. Enfermedades generales.**									
1	Typhoid Fever (abdominal typhus)	Fiebre tifoidea			1		1	1	1		4
2	Exanthematic typhus	Tifus exantemático									
3	Recurrent Fever	Fiebre recurrente									
4	Intermittent Fever, and Malarial Cachexia	Fiebre intermitente					8	3	1		12
4a	Malarial Cachexia	Caquexia palúdica					5	3			8
5	Variola	Viruelas									
6	Measles	Sarampión									
7	Scarlatina	Escarlatina									
8	Whooping Cough	Tos ferina									
9	Diphtheria and Croup	Difteria y Crup									
9a	Diphtheria	Difteria									
10	Grippe	Gripe									
11	Miliary Fever	Fiebre miliar									
12	Asiatic Cholera	Cólera asiático									
13	Cholera nostras	Cólera nostras									
14	Dysentery	Disenteria					8	5			13
14a	Epidemic Dysentery	Disenteria epidémica									
15	Plague	Peste	1				2	2	1		6
16	Yellow Fever	Fiebre amarilla									
17	Leprosy	Lepra					1	4			5
18	Erysipelas	Erisipelas									
19	Other Epidemic Affections (Beri-Beri)	Otras afecciones epidémicas (Beri-Beri)					26	16	5		47
20	Purulent Infection and Septicæmia	Infección purulenta y septicemia					2				2
21	Glanders and Farcy	Muermo y lamparones									
22	Malignant Pustule and Anthrax	Pústula maligna y antrax									
23	Rabies	Rabia									
24	Actinomycosis, Trichinosis, etc	Actinomicosis, trichinosis, etc									
25	Pellagra	Pelagra									
26	Tuberculosis of Larynx	Tuberculosis de la laringe					1				1
27	Tuberculosis of Lungs	Tuberculosis del pulmón			4		35	26	10	1	76
28	Tuberculosis of Meninges	Tuberculosis de las meninges					1				1
29	Tuberculosis of Abdomen	Tuberculosis abdominal									
30	Pott's Disease	Mal de Pott									
31	Cold Abscess and Abscess by Congestion	Abscesos fríos y por congestión									
32	White Swellings	Tumores blancos									
33	Tuberculosis of Other Organs	Tuberculosis de otros órganos									
34	Generalized Tuberculosis	Tuberculosis generalizada					2				2
35	Scrofula	Escrófula									
36	Syphilis	Sífilis									
37	Gonorrhea of the Adult	Blenorragia en los adultos									
38	Gonococcic Infections of Children	Afecciones gonocócicas en los niños									
39	Cancer and Other Malignant Tumors of the Buccal Cavity	Cáncer ú otros tumores malignos en la cavidad bucal									
40	Cancer and Other Malignant Tumors of the Stomach and Liver	Cáncer ú otros tumores malignos del estómago, é hígado									
41	Cancer and Other Malignant Tumors of Peritoneum, Intestines, and Rectum	Cáncer ú otros tumores malignos del peritoneo, intestinos y recto									
42	Cancer and Other Malignant Tumors of the Female Genitals	Cáncer ú otros tumores malignos de los órganos genitales de la mujer						1			1
43	Cancer and Other Malignant Tumors of the Breast	Cáncer ú otros tumores malignos de la mama									
44	Cancer and Other Malignant Tumors of the Skin	Cáncer ú otros tumores malignos de la piel									
45	Cancer and Other Malignant Tumors of Other Organs and Organs not Specified	Cáncer ú otros tumores malignos en otros órganos			1		1	1			3
46	Other Tumors (Tumors of the Female Genitals excepted)	Otros tumores (exceptuándose los de los órganos genitales de la mujer)									
47	Acute Articular Rheumatism	Reumatismo articular agudo						1			1
48	Chronic Rheumatism, and Gout	Reumatismo crónico y gota					3	1			4
49	Scurvy	Escorbuto									
50	Diabetes	Diabetes									
51	Exophthalmic Goiter	Bocio exoftálmico									
52	Addison's Disease	Enfermedad bronceada de Addison									
53	Leukæmia	Leucemia									
54	Anæmia, Chlorosis	Anemia, clorosis					3	4			7
55	Other General Diseases	Otras enfermedades generales				1					1
56	Acute Alcoholism or Chronic	Alcoholismo agudo ó crónico			1		1				2
57	Lead-Poisoning	Saturnismo									
58	Other Poisonings Incident to Occupations	Otras intoxicaciones profesionales crónicas									
59	Other Chronic Poisonings	Otros envenenamientos crónicos									
	II. Diseases of the nervous system and the organs of special sense.	**II. Enfermedades del Sistema Nervioso y de los órganos de los sentidos.**									
60	Encephalitis	Encefalitis					2	2			4
61	Simple Meningitis	Meningitis simple					11	14			25
61a	Epidemic Cerebro-spinal Meningitis	Meningitis cérebro-espinal epidémica									
62	Progressive Locomotor Ataxia	Ataxia locomotriz progresiva									
63	Other Diseases of the Spinal Cord	Otras enfermedades de la médula espinal					1				1
64	Cerebral Congestion and Hemorrhage	Congestión y hemorragia cerebrales					5	3	1		9
65	Cerebral Softening	Reblandecimiento cerebral					1				1
66	Paralysis Without Apparent Cause	Parálisis sin indicación de causa									
67	General Paralysis	Parálisis generales					3	3			6

	Nomenclature designed for the statistics of death.	Nomenclatura para las estadísticas de defunciones.	American M.	American F.	European M.	European F.	Philippino M.	Philippino F.	Chinese M.	Chinese F.	Total
	II.—Diseases of the Nervous System and the Organs of Special Sense.	**II.—Enfermedades del sistema nervioso y de los órganos de los sentidos.**									
68	Other Forms of Insanity	Otras formas de alienación mental									
69	Epilepsy	Epilepsia					1				1
70	Eclampsia (nonpuerperal)	Eclampsia (no puerperal)					26	17			43
71	Convulsions of Children	Convulsiones en los niños					133	122			255
72	Tetanus	Tétano				1	4	6			11
73	Chorea	Corea									
74	Other Diseases of the Nervous System	Otras enfermedades del sistema nervioso					10	6			16
75	Diseases of the Eye and its Adnexa	Enfermedades de ojos y sus anexos									
76	Diseases of the Ear	Enfermedades de los oidos									
	III. Diseases of the Circulatory System.	**III. Enfermedades del aparato circulatorio.**									
77	Pericarditis	Pericarditis							1		1
78	Acute Endocarditis	Endocarditis aguda					4				4
79	Organic Disease of the Heart	Enfermedades orgánicas del corazón					7				7
80	Angina Pectoris	Angina de pecho					5	5	1		11
81	Affections of the Arteries (Atheroma, Aneurism, etc.)	Afecciones de las Arterias, etc					5	2			7
82	Embolus and Thrombosis	Embolia y Trombosis					2				2
83	Affections of the Veins (Varices, Hemorrhoides, Phlebitis)	Afecciones de las venas									
84	Affections of the Lymphatic System (Lymphangitis, etc.)	Afecciones del sistema linfático									
85	Hemorrhages	Hemorragias									
86	Other Affections of the Circulatory System	Otras afecciones del aparato circulatorio									
	IV. Diseases of the Respiratory System.	**IV. Enfermedades del aparato respiratorio.**									
87	Diseases of the Nasal Fossæ	Enfermedades de las fosas nasales									
88	Affections of the Larynx	Afecciones de la laringe					7	10			17
89	Affections of the Thyroid Body	Afecciones del cuerpo tiroideo									
90	Acute Bronchitis	Bronquitis aguda					28	16			44
91	Chronic Bronchitis	Bronquitis crónica					13	10			23
92	Broncho-Pneumonia	Bronco-pneumonía					2	2			4
93	Pneumonia	Pneumonía									
94	Pleurisy	Pleuresía									
95	Pulmonary Congestion and Apoplexy	Congestion y apoplegia pulmonares					5	4			9
96	Gangrene of the Lungs	Gangrena del pulmón									
97	Asthma	Asma									
98	Pulmonary Emphysema	Enfisema pulmonar					1				1
99	Other Diseases of the Respiratory System (Phthisis excepted)	Otras enfermedades del aparato respiratorio (exceptuándose la tísis)					1				1
	V. Diseases of the Digestive System.	**V. Enfermedades del aparato digestivo.**									
100	Affections of the Mouth and its Adnexa	Afecciones de la boca y de sus anexos									
101	Affections of the Pharynx	Afecciones de la faringe									
102	Affections of the Esophagus	Afecciones del esófago									
103	Ulcer of the Stomach	Ulcera del estómago					1	1			2
104	Other Affections of the Stomach (Cancer excepted)	Otras afecciones del estómago (exceptuándose el cáncer)					4	2			6
105	Diarrhea and Enteritis (under 2 years)	Diarrea y enteritis (en niños menores de 2 años)	1				13	18			32
105a	Chronic Diarrhea and Enteritis	Diarrea y enteritis crónica			1		22	17	7		47
106	Diarrhea and Enteritis (2 years and over)	Diarrea y enteritis (en niños de 2 ó más años)					3	4			7
107	Intestinal Parasites	Parásitos intestinales									
108	Hernias; Intestinal Obstructions	Hernias; obstrucciones intestinales					2				2
109	Other Affections of the Intestines	Otras afecciones del intestino									
110	Acute Yellow Atrophy of the Liver	Ictericia grave									
111	Hydatid Tumors of the Liver	Tumores hidátidicos del hígado									
112	Cirrhosis of the Liver	Cirrosis del hígado					3				3
113	Biliary Calculi	Cálculos biliares									
114	Other Affections of the Liver	Otras afecciones del hígado			1						1
115	Affections of the Spleen	Afecciones del bazo									
116	Simple Peritonitis (Puerperal excepted)	Peritonitis simple (exceptuándose la puerperal)					2				2
117	Other Affections of the Digestive System (Cancer and Tuberculosis excepted)	Otras afecciones del aparato digestivo (exceptuándose el cáncer y tuberculosis)									
118	Appendicitis and Abscess of the Iliac Fossa	Apendicitis y flemón de la fosa iliaca						1			1
	VI. Diseases of the Genito-Urinary System and its Adnexa.	**VI. Enfermedades del aparato génito urinario y de sus adnexos.**									
119	Acute Nephritis	Nefritis aguda					1				1
120	Bright's Disease	Mal de Bright					3	3			6
121	Other Diseases of the Kidneys and their Adnexa	Otras enfermedades de los riñones y de sus anexos									
122	Calculi of the Urinary Tract	Cálculos de las vías urinarias									
123	Diseases of the Bladder	Enfermedades de la vegiga									
124	Diseases of the Urethra, Urinary Abscess, etc	Enfermedades de la uretra									
125	Diseases of the Prostate	Enfermedades de la prostata									
126	Nonvenereal Diseases of the Male Genital Organs	Enfermedades no venereas de los órganos genitales del hombre									
127	Metritis	Metritis									
128	Uterine Hemorrhage (nonpuerperal)	Hemorragia uterina (no puerperal)						1			1
129	Tumor, Uterine (noncancerous)	Tumor uterino (no canceroso)									
130	Other Diseases of the Uterus	Otras enfermedades del útero						3			3
131	Cysts and Other Tumors of the Ovary	Quistes y otros tumores del ovario									
132	Other Diseases of the Female Genital Organs	Otras enfermedades de los órganos genitales de la mujer									
133	Nonpuerperal Diseases of the Breast (Cancer excepted)	Enfermedades no puerperales de la mama (exceptuándose el cáncer)									

	Nomenclature designed for the statistics of death.	Nomenclatura para las estadísticas de defunciones.	American M.	American F.	European M.	European F.	Philippino M.	Philippino F.	Chinese M.	Chinese F.	Total
	VII.	**VII.**									
	The Puerperal State.	**Estado puerperal.**									
134	Accidents of Pregnancy	Accidentes de la preñez									
135	Puerperal Hemorrhage	Hemorragia puerperal						4			4
136	Other Accidents of Labor	Otros accidentes del parto									
137	Puerperal Septicæmia	Septicemia puerperal						4			4
138	Albuminuria and Puerperal Eclampsia	Albuminuria y eclampsia puerperales									
139	Puerperal Phlegmasia Alba Dolens	Flegmasia alba dolens puerperal									
140	Other Puerperal Accidents-Sudden Death	Otros accidentes puerperales: Muerte repentina									
141	Puerperal Diseases of the Breast	Enfermedades puerperales de la mama									
	VIII.	**VIII.**									
	Diseases of the Skin and Cellular Tissue.	**Enfermedades de la piel y del tejido celular.**									
142	Gangrene	Gangrena									
143	Furuncle	Forúnculo									
144	Warm-acute Abscess	Abscesos calientes agudos						1			1
145	Other Diseases of the Skin and its Adnexa	Otras enfermedades de la piel									
	IX.	**IX.**									
	Diseases of the Organs of Locomotion.	**Enfermedades de los órganos de la locomoción.**									
146	Affections of the Bones (nontuberculous)	Afecciones de los huesos (exceptuando la tuberculosis)									
147	Diseases of the Joints (Tuberculosis and Rheumatism excepted)	Afecciones de las articulaciones (exceptuando la tuberculosis y el reumatismo)									
148	Amputation	Amputación									
149	Other Affections of the Organs of Locomotion	Otras afecciones de los órganos de la locomoción									
	X.	**X.**									
	Malformations.	**Vicios de conformación.**									
150	Congenital Malformations (Stillbirths excepted)	Vicios de conformación congénitos (exceptuándose los de niños nacidos muertos)									
	XI.	**XI.**									
	Early Infancy.	**Primera infancia.**									
151	Congenital Debility, Icterus and Sclerema	Debilidad congénita, ictericia y esclerema					11	5			16
152	Other Special Diseases of Early Infancy	Otras enfermedades especiales de la primera edad						1			1
153	Lack of Care	Falta de cuidados									
	XII.	**XII.**									
	Old age.	**Vejez.**									
154	enile Debility	Debilidad senil					6	9			15
	XIII.	**XIII.**									
	Affections Produced by External Causes.	**Afecciones producidas por causas exteriores.**									
155	Suicide by Poison	Suicidio por envenenamiento									
156	Suicide by Asphyxia	Suicidio por asfixia									
157	Suicide by Hanging or Strangulation	Suicidio por suspensión ó por extrangulación									
158	Suicide by Submersion	Suicidio por submersión									
159	Suicide by Firearms	Suicidio por armas de fuego	1								1
160	Suicide by Cutting Instruments	Suicidio por instrumentos cortantes									
161	Suicide by Jumping from High Place	Suicidio por dejarse caer desde un punto elevado									
162	Suicide by Crushing	Suicidio por aplastamiento									
163	Other Suicides	Otros suicidios									
164	Fractures	Fracturas						1			1
165	Dislocations	Luxaciones									
166	Other Accidental Traumatisms	Otros traumatismos accidentales									
167	Burns	Quemaduras por el fuego						2			2
168	Burning by Corrosive Substances	Quemaduras por substancias corrosivas									
169	Insolation	Insolación									
170	Freezing	Congelación									
171	Electrical Shocks	Commoción eléctrica									
172	Accidental Submersion	Submersión accidental					1	1			2
173	Inanition	Inanición					1				1
174	Inhalation of Deleterious Gases (Suicide excepted)	Absorción de gases deletéreos									
175	Other Acute Poisonings	Otros envenenamientos agudos									
176	Other External Violence	Otras violencias exteriores									
	XIV.	**XIV.**									
	Ill-defined Diseases.	**Enfermedades mal definidas.**									
177	Dropsy	Hidropesía						1			1
178	Sudden Death	Muerte repentina									
179	Unspecified or Ill-defined Causes of Death	Causas de muerte no especificadas ó mal definidas					3				3
	Total		3		9	2	153	369	28	1	
	Grand Total		3		11		822		29		865*

(*) Of the grand total of 865 deaths, 7 were those of transient, while 858 were permanent residents of Manila.

DEATHS BY AGE.

Under 30 days	97
30 days to 1 year	384
1 year to 2 years	22
2 years to 5 years	18
5 years to 10 years	11
10 years to 15 years	6
15 years to 20 years	18
20 years to 25 years	29
25 years to 30 years	50
30 years to 40 years	86
40 years to 50 years	48
50 years to 60 years	28
60 years to 70 years	33
70 years to 80 years	18
80 years to 90 years	11
90 years to 100 years	2
100 years to 110 years	4
Total	865

Still-births 15. Of the grand total of 865 deaths, 7 were those of transient, while 858 were permanent residents of Manila.

DEATHS BY DISTRICTS.

Walled City	62
Binondo	61
San Nicolas	88
Tondo	205
Santa Cruz	137
Quiapo	44
Sampaloc	91
San Miguel	31
Paco	68
Ermita	27
Malate	22
Pandacan	22
Transient residents	7
Total	865

15 of above were still-births.

Number of deaths with medical attendance	259
Number of deaths without medical attendance	577
Number of deaths, Chinese	29
Total	865

15 of above were still-births.

Comparative Mortality from December 1, 1899, to December 31, 1901.

MONTH.	1899. No. Deaths.	1899. Annual Death rate per 1000.	1900. No. Deaths.	1900. Annual Death rate per 1000.	1901. No. Deaths.	1901. Annual Death rate per 1000.
December	1162	55.90	905	43.54	858	40.43
January	—	—	1055	50.65	753	36.22
February	—	—	884	47.08	689	36.69
March	—	—	887	42.67	885	42.67
April	—	—	805	40.02	886	44.04
May	—	—	732	35.21	903	43.44
June	—	—	599	29.79	621	30.89
July	—	—	787	37.09	608	28.46
August	—	—	825	38.88	702	33.08
September	—	—	1027	50.01	767	37.25

(1) Death rate computed on population of 244,732 (Health Dept. Census); still-births included.
(2) Death rate computed on population of 250,000; still-births not included.

Summary of Statistics of Births and Deaths.

Population, census (Health Department)	250,000
Mortality for the month of December	858
Annual death rate per 1000 for month of December	40.43
*Births reported	406
Annual birth rate (based on reports)	19.13

*Incomplete.

Monthly Statement from U. S. Office of Identification Morgue, Manila, P. I., December, 1901.

ARMY AND NAVY. DEAD.	Officers, U. S. N.	Officers, U. S. A.	Soldiers, U. S. A.	Civilians.	Natives.	Women.
Deaths among Residents, Post of Manila	0	0	0	2	0	0
Deaths among Casuals in the Military Hospitals, City of Manila, P. I.	0	0	7	2	0	0
Brought in for disposition from the various near-by Posts, vicinity of Manila	1	0	5	2	0	0
Disposition of the Bodies Received:						
Bodies EMBALMED for shipment to U. S.	0	0	8	0	0	0
Bodies BURIED in National Cemetery, MANILA	0	0	1	8	0	0
Bodies AWAITING shipment to the U. S.	1	0	3	0	0	1

BURIALS, DECEMBER, 1901.

CEMETERIES.	No.
Loma [Government]	219
Paco General [Government]	31
Santa Cruz	7
Balic-balic	138
Binondo	15
Tondo	288
Maytubig	50
Malate	64
Pandacan	23
Chinese	32
Crematory	8
Santa Ana	2
American National Cemetery	2
San Pedro Macati Cemetery	1
TOTAL	880

15 of above were still-births and 7 transient residents.

CREMATORIES.

DECEMBER, 1901.	Cart loads of refuse consumed.	Carcasses of native horses consumed.	Carcasses of American horses consumed	Carcasses of mules consumed.	Carcasses of carabaos consumed.	Carcasses of cows consumed.	Carcasses of dogs consumed.	Carcasses of fowls consumed.	Carcasses of cats consumed.	Carcasses of rats. consumed.	Carcasses of pigs consumed.	Carcasses of snakes consumed.
Paco	967	66	48	36	3	1	11	66		11	1	4
Santa Cruz	678	88	1	7	41	36	2	173				
TOTAL	1645	151	49	43	44	37	13	239		11	1	4

Number of loads of garbage dumped in suburbs 5,475
Number of loads of garbage dumped at sea 1,917

VETERINARY DIVISION.

WILLIAM W. RICHARDS, V. S. City Veterinarian.
JOHN G. SLEE, D. V. S. Ass. City Veterinarian.

On arrival in City.	Number of cattle inspected	1,263
	Number of hogs inspected	5,082
	Number of carabaos inspected	82
	Number of sheep inspected	50
	Number of goats inspected	31
	Number of horses inspected	328
	Number of other animals inspected	4
In Government Slaughterhouse	Number of cattle slaughtered	1,385
	Number of hogs slaughtered	5,476
	Number of sheep slaughtered	30
	Number of cattle condemned and cremated	7
	Number of hogs condemned and cremated	39
Number of horses condemned for glanders		16

DISINTERMENTS, DECEMBER, 1901.

Santa Cruz Cemetery	2
Paco Cemetery	3
Chinese Cemetery (for removal to China)	
Binondo Cemetery	
TOTAL	5

DIVISION OF INSPECTION.

Number of inspections and re-inspections	29,097
Number of adverse reports made by inspectors	9,629
Number of written notices served	2,288
Legal proceedings instituted for non-compliance with notice served	191
Number of permits issued to clean vaults, drains, etc.	392
Houses disinfected	521
Premises cleaned	2,500
Barrels of night soil conveyed to sea	10,326

VACCINE INSTITUTE.

SATURNINO ESPEJO, DIRECTOR.

Vaccine virus issued during month ending December 31, 1901.

Army	11,775 units
Navy	6,600 units
Inhabitants of the Archipelago [excluding Manila]	39,250 units
Inhabitants of Manila	1,244 units
TOTAL	58,869 units

Number of young carabaos used in preparation of virus 11

VACCINATION, DECEMBER, 1901.

	Walled City.	Binondo.	San Nicolas.	Tondo.	Santa Cruz.	Quiapo.	San Miguel.	Sampaloc.	Paco.	Ermita.	Malate.	TOTAL.
Children	106	41	122	63	53	70	61	50	8	42	26	642
Adult	119	27	66	92	49	80	39	49	14	35	32	602
TOTAL	225	68	188	155	102	150	100	99	22	77	58	1244

Statement of Bubonic Plague for Month Ending Dec. 31, 1901.

No. Cases Remaining from Nov., 1901.					No. of New Cases.					No. Deaths.					No. Discharged.					No. Remaining.				
American	Philippino	Spanish	Chinese	Total	American	Philippino	Spanish	Chinese	Total	American	Philippino	Spanish	Chinese	Total	American	Philippino	Spanish	Chinese	Total	American	Philippino	Spanish	Chinese	Total
0	0	0	0	0	1	5	0	1	7	1	5	0	0	7	0	0	0	0	0	0	0	0	0	0

Comparative Statement for Corresponding Period, December, 1900.

No. Cases Remaining from Oct., 1900.					No. of New Cases.					No. Deaths.					No. Discharged.					No. Remaining.				
American	Philippino	Spanish	Chinese	Total	American	Philippino	Spanish	Chinese	Total	American	Philippino	Spanish	Chinese	Total	American	Philippino	Spanish	Chinese	Total	American	Philippino	Spanish	Chinese	Total
0	0	0	1	1	0	1	0	0	1	0	0	0	0	0	0	0	0	1	1	0	1	0	0	1

Rats caught and delivered to Board of Health for month, capitation fee being paid for same.....9139

INFECTIOUS DISEASES REPORTED DURING MONTH OF DECEMBER, 1901, BY DISTRICTS.

	Walled City.	Binondo.	San Nicolas.	Tondo.	Santa Cruz.	Quiapo.	Sampaloc.	San Miguel.	Paco.	Ermita.	Malate.	Pandacan.	Total.
Typhoid Fever	1	1	----	----	----	----	----	----	----	1	----	----	3
Small-Pox	1	----	----	----	----	----	----	----	----	----	----	----	1
Measles	5	3	----	1	5	1	----	----	1	----	----	----	16
Plague	4	2	----	----	1	----	----	----	----	----	----	----	7
Leprosy	----	----	----	----	1	----	----	----	----	----	----	----	1
Tuberculosis of Lungs	1	----	----	----	2	2	----	----	----	----	----	----	5
Total	12	6	----	1	9	3	----	----	1	1	----	----	33

SPECIAL REPORT OF TUBERCULOSIS OF LUNGS.

Total Number of Cases.	Female.	Male.	15 Years to 30 Years.	30 Years to 50 Years.	Hereditary.	Non-Hereditary.	With Resources.	Without Resources.	With Microscopic Examination.	Without Microscopic Examination.
5	1	4	2	3	3	2	1	4	0	5

REPORTS RECEIVED OF LEPERS LIVING IN THE VARIOUS PROVINCES OF THE PHILIPPINE ISLANDS, TO DECEMBER 31, 1901.

PROVINCE.	No. of Men.	No. of Women.	Children and Young Boys and Girls up to 12 yrs.		Single.		Married.		Widow.		RACE.	TOTAL.
			Male.	Female.	Male.	Female.	Male.	Female.	Ower.	Ow.		
Antique	66	33	1		29	25	31	4	6	4	Filipinos	100
Batangas	7	3			4	2	2	1	1			10
Bataan	10	4	1	1	5		3	2	2	2		16
Benguet	31	10	1	1	1		21	10	9		Igorrote	43
Ambos Camarines	33	17	1	1	24	12	8	5	1		Filipinos	52
Bulacan	17	9	2	1	12	6	5	3			"	29
Ilocos Norte	45	28	5	2	9	10	3	8	5	10	"	90
Ilocos Sur	176	84	4	2	101	50	66	17	14	12	"	266
Leyte	32	20	1	3	16	13	14	4	2	3	"	56
Masbate	51	35	25	10	22	15	23	19	2	5	"	121
Cagayan	33	22		2	17	7	10	14	6	1	"	57
Lepanto	14	4	1		5	1	8		1	3	"	19
Cavite	15	5		3	15	3				2	"	23
Nueva Ecija	12	7			4	3	7	4		1	"	19
Negros Occidental	24	10	5	1	16	9	8	1			"	40
Pampanga	8	5	2		3	1	5	3			"	15
Pangasinan	115	78		2	36	26	60	38	19	14	"	195
Rizal	1				1						"	1
Marinduque	1	1	1			1	1				"	3
Laguna	1						1				"	1
San Lazaro	109	59	2	1	82	35	25	20	2	4	"	171
Tarlac	27	24	11	4	7	9	17	11	2	5	"	66
Sorsogon	75	34	1	1	33	17	40	10	3	5	"	110
Romblon	4	10			2	6	2	3	1		"	14
Samar	39	32	13	8	17	9	21	18	3	3	"	92
Union	43	28	3		15	14	24	12	4	2	"	74
Zambales	51	31	2		29	13	20	13	4	3	"	84
Cottabato (Mindanao)	7	3			3	1	2	2	2		Moros	10
Cebú	118	72	2	2	104	57	15	14			Filipinos	194
Iloilo	220	61	10	2	110	37	88	7	22	20		296
Total	1385	731	94	47	722	382	558	242	111	101		2257

REPORT OF BUREAU OF GOVERNMENT LABORATORIES.

Rats caught and delivered to Laboratory for examination up to and including December 31, 1901 15,437
Total rats caught by Board of Health since Sept. 1st 16,999

RATS EXAMINED IN DECEMBER.

	Total Rats.	Plague Rats.	Per Cent.		Total Rats.	Plague Rats.	Per Cent.
December 1	162	5	3.08	December 17	237	2	.84
" 2	215	2	.93	" 18	368	8	2.17
" 3	131			" 19	361	6	1.66
" 4	302	2	.66	" 20	885	12	1.35
" 5	290	4	1.37	" 21	337	6	1.78
" 6	268	5	1.68	" 22	20		
" 7	286	2	.69	" 23	257	4	1.55
" 8	70	6	8.57	" 24	376	4	1.06
" 9	235	3	1.27	" 25			
" 10	221			" 26	659	15	2.27
" 11	217	3	1.38	" 27	476		
" 12	118	1	.84	" 28	358	2	.55
" 13	549	3	.54	" 29	246	3	1.21
" 14	367			" 30	306	6	1.96
" 15	375	2	.56	" 31	325	14	4.30
" 16	122	2	1.63	Total	9139	122	1.33

PLAGUE RAT REPORT BY WEEKS.

	Total Rats.	Plague Rats.	Percentage.
Week ending December 7	1654	20	1.20
Week ending December 14	1777	16	.90
Week ending December 21	2685	38	1.04
Week ending December 28	2146	25	1.16
December 29, 30 and 31	877	23	2.62
	9139	122	1 33

ANALYSES.

7 Urines; 4 Butter for adulteration; 5 Coal for value; 1 Paint for adulteration; 1 Medicine, suspected case of poisoning; 2 Beer; 3 Wines; 1 Mineral.

DIAGNOSES.

Nature.	Negative.	Positive.	Diagnosis.
Faeces	28	3	2 A. dys., 1 A. Coli.
Sputum	24	11	11 Tubercle bacilli.
Blood for Malaria	21	3	3 Malaria.
Blood for Plague	1	1	1 Plague.
Smear for Gonorrhœa	49	33	33 Gonorrhœa

Total negative, 123; positive, 51: *Total*, 174.

METEOROLOGICAL OBSERVATIONS

DEDUCED FROM HOURLY OBSERVATIONS

FOR MONTH OF DECEMBER, TAKEN FROM "OBSERVATORIO CENTRAL DE MANILA."

Date	Barometer (*)		Temperature						Relative humidity	Wind						Sunshine		Rainfall	
	Mean		Mean		Maximum		Minimum			Prevailing direction	Total daily motion		Maximum						
													Force		Direction				
Dec.	Inches	mm.	C.	F.	C.	F.	C	F.	Mean		Km.	Miles	Km.	Miles		H.	m.	Inches	mm.
1	29.936	760.35	27.1	80.8	31.8	89.3	22.2	71.9	80.1	WNW.	132	82	14	9	NNW.	7	45	0.016	0.4
2	29.918	59.90	25.6	78.1	28.8	83.8	22.2	72.0	85.1	ENE.	204	127	15	9	NNE.	0	00	0.866	22.0
3	29.917	59.88	25.5	77.9	27.4	81.3	22.4	72.4	79.6	NNE.	420	261	27	17	NE. by N.	1	30	0.063	1.6
4	29.898	59.39	25.4	77.7	28.4	83.1	22.6	72.7	69.8	NNE.	546	339	30	19	NNE.	1	00		
5	29.889	59.18	23 4	74.1	25.3	77.6	20.7	69.3	74.7	N.	348	216	24	15	N.	0	00	0.032	0.8
6	29.828	57.62	22.1	71.8	23.2	73.8	19.1	66.3	87.0	NNW.	444	276	26	16	NW. by N.	0	00	0.547	13.9
7	29.770	56.15	22.7	72.9	23.5	74.3	20.3	68.6	95.7	NNW.	462	287	28	18	NNW.	0	00	0.839	21.3
8	29.784	56.50	24.8	76.6	28.4	83.2	20.6	69.1	93.8	N.	75	47	9	6	N.	1	55	0.307	7.8
9	29.798	56.85	26.8	80.2	31.4	88.5	22.6	72.7	85.8	SE.	199	124	23	14	ESE.	6	00		
10	29.829	57.64	26.5	79.7	31.4	88.5	22.2	72.0	87.1	variable	52	32	8	5	WNW.	7	05		
11	29.823	57.51	26.6	79.9	30.5	86.9	22.7	72.8	86.2	W.	92	57	12	7	W.	4	45		
12	29.819	57.40	25.8	78.4	30 3	86.6	22.1	71.8	88.5	N.	110	68	17	11	N.	7	00	1.142	29.0
13	29.841	57.94	25.5	77.9	31.0	87.8	21.9	71.5	84.7	ESE.	96	60	13	8	NNE.	3	00		
14	29.918	59.89	24.6	76.3	29.1	84.4	19.9	67.8	68.7	E.	147	91	20	12	E	9	25		
15	29.958	60.92	22.6	72.7	27.4	81.4	18.2	64.8	73.0	NE.	172	107	20	12	NE.	4	15		
16	29.962	61.02	22.8	73.0	28.5	83.3	16.6	61.8	81.6	NE.	54	34	8	5	NE.	5	50		
17	30.010	62.25	23.9	75.0	28.6	83.5	19.8	67.6	74.0	NE., NNE.	108	67	20	12	ENE.	5	15		
18	30.020	62.51	24.0	75.2	28.6	83 4	18.3	64.9	74.4	E.	144	89	20	12	SE. by E.	6	50		
19	29.996	61.87	24.6	76.3	30.1	86.1	19.7	67.4	72.4	E., NNE	174	108	14	9	E.	8	55		
20	29.962	61.02	24.0	75.2	29.3	84.8	17.6	63.7	71.5	E.	194	121	18	11	E.	9	50		
21	29.978	61.43	23.9	75.0	30.4	86.7	17.8	64.0	75.6	WSW.	113	70	12	7	SE.	9	50		
22	29.990	61.72	24.2	75.6	29.3	84.7	17.4	63.4	76.9	W.	87	54	12	7	W.	8	10		
23	29.960	60.99	25.4	77.7	31.2	88.1	20.5	68.9	75.5	SE.	134	83	14	9	WNW.	7	25		
24	29.900	59.44	26.0	78.8	31.4	88.6	20.6	69.0	80.2	SE.	153	95	22	14	SE.	8	55		
25	29.887	59.13	26.3	79.3	30.8	87.4	21.2	70.1	81.7	W.	124	77	14	9	SE.	9	30		
26	29.952	60.77	25.9	78.6	31.6	88.8	20.1	68.2	80.0	ESE.	161	100	22	14	SE.	9	50		
27	29.971	61.25	26.0	78.8	30.7	87.3	20.3	68.5	78.5	variable	154	96	14	9	W.	9	15		
28	29.943	60.54	25.6	78.1	30.2	86.3	21.3	70.3	85.7	N.	108	67	10	6	N.	2	40	0.008	0.2
29	29.963	61.04	26.0	78.8	31.8	89.2	20.3	68.5	77.8	NE.	146	91	20	12	E.	9	00		
30	29.963	61.04	25.7	78.3	31 0	87.8	20.4	68.7	71.6	NE.	208	129	24	15	NE.	7	35		
31	29.947	60.64	25.7	78.3	31.7	89.0	19.3	66.7	69.7	E , NE.	178	111	23	14	E.	9	40		
Mean	29.914	59.80	25.0	77 0	29 5	85.0	20.4	68.6	79.6		185.1	115.0	17.8	11.1		5	53		
Total	------	------	------	------	------	------	------	------	------	------	**5739**	**3566**	------	------	------	182-	10	3.820	97.0

(*) Corrected for instrumental error and for temperature, and reduced to sea-level. Correction to standard gravity, −1.72 mm. (−0.068 inch)

GENERAL LIBRARY,
UNIV. OF MICH.
AUG 30 1905

MONTHLY REPORT

OF THE

Board of Health for the Philippine Islands

AND

CITY OF MANILA.

JANUARY, 1902.

TO THE HONORABLE DEAN C. WORCESTER, SECRETARY OF THE INTERIOR.

BOARD OF HEALTH.

Maj. L. M. MAUS, M. D., U. S. Army, Commissioner of Public Health.

Maj. FRANKLIN A. MEACHAM, M. D., U. S. Army, Chief Health Inspector.

C. M. MEAD, B. S., Sanitary Engineer.

P. C. FREER, M. D., Ph. D., Superintendent Government Laboratories.

MANUEL GOMEZ MARTINEZ, M. D., Secretary.

MANILA:
BUREAU OF PUBLIC PRINTING.
1904.

12306

LETTER OF TRANSMITTAL.

OFFICE OF THE BOARD OF HEALTH FOR THE
PHILIPPINE ISLANDS AND CITY OF MANILA,
Manila, P. I., February 7, 1902.

SIR: I have the honor to submit herewith the report of the Board of Health, Philippine Islands and city of Manila, for the month of January, 1902. With the exception of a number of reports on leprosy, no vital statistics were received from the provinces during the past month. These can only be expected after the organization of provincial and municipal boards of health.

Mortality during the month, with death and birth rates.—Seven hundred and sixty-five deaths occurred among the permanent residents of the city of Manila during January, and 87 among the transients, principally natives who had drifted into the city from the provinces or were taken from vessels in the bay. These deaths were divided as follows: Filipinos, 723; Chinese, 25; Americans, 3; Europeans, Asiatics, and all others, 9. The annual death rate per thousand amounted to 30.33, as compared with 30.12 for January, 1901, and was divided among the various nationalities as follows: Filipinos, 38.91; Chinese, 4.85; Americans, 5.13; Europeans and others, 13.50. Three hundred and sixty-eight births occurred during the month, 349 of which occurred among the Filipinos, 2 among Chinese, and 17 among Americans, Europeans, and others. As usual the greatest mortality was due to infantile convulsions, there being 248 deaths from this cause alone. Deaths resulting from other prominent causes were as follows: Diarrhea and dysentery, 99; tuberculosis of the lungs, 44; nonpuerperal eclampasia, 37; acute aud chronic bronchitis, 47; beri-beri, 32; simple meningitis, 21; intermittent fever, 20; affections of the larynx (probably tuberculosis), 10; senile debility, 16. It will be noted that among a population of 300,000, not a case of smallpox, scarlet fever, or diphtheria was reported during the month. The inhabitants of the city are protected against the former, and the two latter are scarcely known here. I have heard of but two cases of diphtheria since my arrival in the Philippines, and they occurred among soldiers. It is also to be noted that few deaths occur from cancer or diseases of the liver among the natives. Cancer is also reported rare in other tropical countries.

Population of Manila.—The birth and death rates during the past month were computed on a basis of 297,154 inhabitants instead of 250,000, as was the case up to December 31, 1901. The previous figures, 250,000, were secured through a census made by the Board of Health over a year ago, taken by the native sanitary inspectors, and now believed to fall far short of the actual population. The present figures are based on cedulas sold during the year 1901, as recorded in the office of the City Assessor and Collector. During that year 66,617 cedulas were sold to males between the ages of 18 and 45 years, living in the city, and it is believed that at a low estimate 15 per cent of the Filipinos, 5 per cent of the Chinese, 10 per cent of the foreigners, and 100 per cent of the Americans have failed to purchase them. Adding these to cedulas actually sold we have a male population between the ages of 18 and 45 years of 43,780 Filipinos, 26,969 Chinese, 1,963 foreigners, and 2,154 Americans. Taking these figures as a basis and multiplying by 5, the ratio of women, men over 45, and children under 18, for Filipinos, by 2.25 for Chinese, by 4 for foreigners, and by 3 for Americans, we have an estimated population of 297,154, which is believed not to be in excess of the number actually present. Santa Ana and Gagalanga, with a population of over 5,000, were incorporated in the city limits during the present month and will be taken up in the February report.

Health of the city during January.—The general health of Manila for the past month may be regarded as very good, the death rate comparing quite favorably with that of many cities located in the Temperate Zone. Until

many radical sanitary defects and conditions are removed or remedied, the mortality among the lower classes will remain larger than necessary. The damp and humid habitations of a large proportion of this class contribute largely to the death rate. The entire site of the city should be raised from 3 to 4 feet, and in certain localities much higher. When Legaspi sailed into Manila Bay in 1564, he found the entire valley now occupied by the city covered with swamps, bogs, bayous, and esteros, and the mouth of the Pasig and neighboring shores of the bay fringed with mangrove trees. As the city grew toward La Loma and Santa Mesa, the intervening territory was raised by the accumulations of domiciliary filth, or by earth taken from the Pasig River or the esteros. As a general rule, and on account of humidity, the lower stories of dwellings in Manila are unfit for dormitory purposes. Before a proper sanitary condition can be reached, it will become necessary to make a number of permanent improvements which will involve the expenditure of large sums of money. The principal city improvements needed are as follows: (1) The installation of a modern sewer system; (2) the construction of filtration beds and an increase in the city water supply; (3) walling and cleaning of the esteros, a number of which should be closed; (4) remodeling or removal of the majority of the old stone buildings in the city; (5) obliteration of the moat around the Walled City and removal of the wall; (6) raising the streets and city site; (7) repairing and widening the streets; (8) constructing a good system of gutters and subsoil drainage, and (9) but not least, providing suitable parks.

Plague and plague rats.—No plague occurred in the city during the past month, the last case having been reported December 24, 1901. Eighteen cases occurred in Manila during January, 1900, and 4 in January of last year. In 1901 the disease was most prevalent in March, during which month 64 cases occurred, while in 1901 the climax was reached in May, with 124 cases. Radical measures for the eradication of the plague are being enforced by the Board of Health, among which may be mentioned (1) the remodeling, cleaning out, and disinfection of all houses in the city in which plague cases have occurred or in which rats affected with the disease have been found; (2) the destruction of rats by means of traps and poison; (3) the immunization of the lower classes, among whom the disease usually occurs, by means of the Shiga antipestic vaccine; (4) the thorough cleansing and disinfection of all the filthy habitations in the city, and (5) the prevention of overcrowding. It is believed that by enforcing the above measures and the exercise of eternal vigilance on the part of the sanitary inspectors the infection can be eliminated from the city.

Since September, 1901, 33,772 rats have been caught by the official rat catchers or the natives, of which number 30,786 were examined for infection at the Laboratory. So far 229 plague rats have been found, or seven-tenths of 1 per cent of the number examined. During January 16,776 rats were examined at the Laboratory, 51 of which were found infected, three-tenths of 1 per cent for the month, from which it would appear that the disease among rats is gradually disappearing. Should plague entirely disappear from the rodents, there would be a strong probability of the termination of the present epidemic.

Water supply.—Owing to the closure of insanitary wells, the introduction of modern traps, and the more general use of the city water by virtue of the present American population, it is evident that the supply of water will have to be increased to meet the growing demands. The water supply, which is pumped from the Mariquina River into the Deposito, is conducted to the city through a 26-inch conduit. The river rises in the mountains above Montalbon and flows through a populous valley before reaching the pumping station. About 15,000 people live along its banks and use the river water, not only for drinking and household purposes but for bathing themselves and their animals as well. The filth and garbage of these pueblos are deposited into it, and, during the rainy season, the surface accumulations of the entire valley. Dr. W. J. Calvert, who was on duty with the Board of Health in 1901, submitted a bacteriological report of the water of the Mariquina River, March 13th of that year, and found that the number of colonies depended upon the agitation of the river by the natives. He found that, when the water was quiescent in the river below the town of Mariquina, the colonies averaged from 2,000 to 3,000 per c. c., but when the water was agitated by two or three thousand natives who were taking baths it contained as many as 613,703 colonies per c. c. He visited all the towns along the river during the month of May, taking a number of specimens, with the following results: Below Montalbon, 7,400 colonies per c. c.; below San Mateo, 20,080 colonies per c. c.; below Mariquina, 23,500 colonies per c. c.; above intake, 14,700 per c. c. These specimens were taken when the river was more or less agitated by natives and carabaos. Specimens taken when the river was free from natives showed from 2,000 to 4,000 colonies per c. c. Examinations of water taken from the hydrants of the city made at the City Laboratory during the month of February showed the presence of 1,107 per c. c. Water taken from the Croton River in New York averages from 50 to 75 colonies, while that from the Boston supply contains about 75. It is therefore very evident that the city water supply, without previous boiling or Pasteur filtration, is unfit for drinking purposes and that the introduction of

filtering beds for the system is very necessary. Allowing 100 gallons daily per capita, filtration beds covering 100 acres will be required for Manila.

It may be interesting to note that there are but 1,623 private subscribers to the city water at present, while in American cities of the same size there would usually be from 30,000 to 50,000.

Disposal of night soil, and the pail system.—At present the night soil of the city not carried off through public and private sewers is removed by contractors, who are required to empty it into the bay beyond an imaginary line drawn between Cavite and Bulacan. I feel assured that, without constant surveillance, the contractors rarely comply with their contracts, but empty their barrels within a short distance of the shore or into the esteros. Under this system the latrines, vaults, etc., are not properly cared for, and the interests of the city and public health will be best served when the Board of Health takes charge of this important sanitary matter. Owing to the difficulty of securing proper pails the system has not, so far, been generally introduced. Proposals for pails and commodes were advertised in December, but as the bids received were considered unreasonably high they were rejected. Proposals will again be submitted in Manila about February 10th, and also in Hongkong and Canton. The Board has already assumed control of the odorless excavators used in emptying cesspools.

Nipa houses.—In all probability there are between 12,000 and 15,000 thousand nipa houses in the city of Manila in Tondo, Ermita, Malate, Paco, Concepcion, Santa Cruz, Quiapo, Sampaloc, and other outlying districts. The majority of these habitations are highly insanitary, and many of the occupants possess only a squatter's rights. The Municipal Board attempted to cause the removal of all such buildings by the passage of the Strong Material District ordinance. The provisions of this ordinance, requiring the removal of all nipa houses by January 1, 1902, was found impracticable, for the reason that thousands of the native population would have been rendered homeless by its execution. In order to overcome the insanitary condition of such habitations the Board of Health secured the passage of Ordinance No. 12, which requires the owners or occupants to place in their houses wooden or bamboo floors not less than three feet above the ground, to remove the nipa sides below that point so as to leave the space open and clear, except the supports. Dr. Barney, one of the medical inspectors of the Board, has been assigned to this work, and great progress has already been made in cleaning up the nipa districts.

Sewers and esteros.—The present sewer system, which was installed by the Spaniards, is very crude and unsatisfactory and was never intended as a carrier of night soil. From time to time houses, schools, hotels, etc., have been connected with this system, and hence the moat and many of the esteros have become very foul and offensive. Owing to the loss of the city engineering plans, very little definite knowledge can be secured in regard to streets supplied by these sewers, but it is known that the system is confined principally to the Walled City and the populous districts of Binondo, San Nicolas, and Santa Cruz. These sewers are constructed of stone masonry, with flat bottoms, vertical sides, and arched tops and are intended to be flushed out by the tide. Owing to the slowness in the ebb of the tide and the width of the mains, the scouring action is very poor. After the installation of the prospective modern sewer system the present one may be utilized for surface and subsoil drainage.

There are about thirty esteros within the city limits, and while they are foul, dirty, and ill-smelling, they are of great commercial value as waterways and for sewers, drains, and irrigating ditches. They are irregular in their boundaries, and few are confined by proper walls. In their present condition they are highly insanitary and should receive immediate attention at the hands of the city authorities. A number of them should be filled and closed, while the remainder should have their lines straightened, walled, and at the same time cleaned out. The material taken out could be used for filling in stagnant pools and low places about the city.

Care of the insane.—During the four centuries of Spanish domination in the Philippines no provisions were made by the Government for the care of the insane. Violent cases were confined in the carcels or prisons and the harmless ones allowed to wander about as objects of charity or to remain with their families. At present cases of insanity are sent by the Board of Health to the Hospicio of San José, where they are temporarily cared for. This institution was established about one hundred years ago, through the munificence of a Spanish knight named Vermudez, and was intended for the care of the aged and orphans. One apartment has been set aside for the care of the insane, which is now very much overcrowded, and I have been informed by the administration that no more cases can be received for the present. During a recent visit of inspection to the institution I found that the violent cases were confined in wooden stocks. I reported the matter to the padre provincial, the director of the board of administration, and requested that this cruel method of restraint be superseded by more modern and humane methods. Since my recent visit I have supplied the institution with the restraint apparatus issued to the army for the humane control of the insane, and explained the methods of applying them. Steps should be taken without further delay for the construction of a Government asylum for the insane of the Archipelago.

Provincial boards of health and public vaccinations.—Provincial boards of health have been established in the following provinces: Albay, Bataan, Bohol, Bulacan, Cavite, Cebu, Ilocos Norte, Ilocos Sur, Isabela, Masbate, Negros East, Negros West, Nueva Ecija, Pampanga, Pangasinan, Rizal, Sorsogon, Tarlac, and Union, pursuant to Act No. 307, which was passed by the Civil Commission, December 2, 1901. Municipal boards of health are also being organized in a number of the pueblos, pursuant to Act No. 308. The establishment of these boards will prove of great benefit to the Philippines, not only in improving the sanitary condition of the natives, but in the elimination of smallpox and epidemic diseases among domestic animals as well. All of the presidents of the provincial boards of health were provided with the necessary instruments and instructed in the methods of immunizing cattle against rinderpest. One hundred and nine thousand and seventy-five units of vaccine virus were sent to the various provinces during the month of January for the use of natives, and over 130,000 vaccinated in Batangas, Tayabas, Cavite, and Laguna by Maj. William Stephenson, chief surgeon, under the direction of Gen. J. Franklin Bell, who commands that district.

Very respectfully,

L. M. MAUS,
Major and Surgeon, United States Army,
Commissioner of Public Health.

The SECRETARY OF THE INTERIOR.

CAUSES OF DEATHS FOR THE MONTH OF JANUARY, 1902.

(STILLBIRTHS NOT INCLUDED.)

	Nomenclature Designed for the Statistics of Death.	Nomenclatura para las Estadísticas de Defunciones.	American.		European.		Filipino.		Chinese.		Total.
			M.	F.	M.	F.	M.	F.	M.	F.	
	I.	**I.**									
	General Diseases.	**Enfermedades Generales.**									
1	Typhoid fever (abdominal typhus)	Fiebre tifoidea					1				1
2	Exanthematic typhus	Tifus exantemático									
3	Recurrent fever	Fiebre recurrente									
4	Intermittent fever and malarial cachexia	Fiebre intermitente					16	4			20
4a	Malarial cachexia	Caquexia palúdica					5	4			9
5	Variola	Viruelas									
6	Measles	Sarampión					1				1
7	Scarlatina	Escarlatina									
8	Whooping cough	Tos ferina									
9	Diphtheria and croup	Difteria y crup									
9a	Diphtheria	Difteria									
10	Grippe	Gripe			1			1			2
11	Miliary fever	Fiebre miliar									
12	Asiatic cholera	Cólera asiático									
13	Cholera nostras	Cólera nostras									
14	Dysentery	Disentería	1		1		9	5	1	1	18
14a	Epidemic dysentery	Disentería epidémica									
15	Plague	Peste									
16	Yellow fever	Fiebre amarilla									
17	Leprosy	Lepra									
18	Erysipelas	Erisipelas					1				1
19	Other epidemic affections (beri-beri)	Otras afecciones epidémicas (beriberi)					15	13	4		32
20	Purulent infection and septicæmia	Infección purulenta y septicemia									
21	Glanders and farcy	Muermo y lamparones									
22	Malignant pustule and anthrax	Pústula maligna y antrax									
23	Rabies	Rabia					1				1
24	Actinomycosis, trichinosis, etc	Actinomicosis, trichinosis, etc									
25	Pellagra	Pelagra									
26	Tuberculosis of larynx	Tuberculosis de la laringe					1				1
27	Tuberculosis of lungs	Tuberculosis del pulmón	1		1	1	18	16	7		44
28	Tuberculosis of meninges	Tuberculosis de las meninges									
29	Tuberculosis of abdomen	Tuberculosis abdominal						1			1
30	Pott's disease	Mal de Pott									
31	Cold abscess and abscess by congestion	Abscesos fríos y por congestión									
32	White swellings	Tumores blancos									
33	Tuberculosis of other organs	Tuberculosis de otros órganos									
34	Generalized tuberculosis	Tuberculosis generalizada									
35	Scrofula	Escrófula						1			1
36	Syphilis	Sífilis					1				1
37	Gonorrhea of the adult	Blenorragia en los adultos									
38	Gonococcic infections of children	Afecciones gonocócicas en los niños									
39	Cancer and other malignant tumors of the buccal cavity.	Cáncer ú otros tumores malignos en la cavidad bucal									
40	Cancer and other malignant tumors of the stomach and liver.	Cáncer ú otros tumores malignos del estómago é hígado.									
41	Cancer and other malignant tumors of peritoneum, intestines, and rectum.	Cáncer ú otros tumores malignos del peritoneo, intestinos y recto.									
42	Cancer and other malignant tumors of the female genitals.	Cáncer ú otros tumores malignos de los órganos genitales de la mujer.									
43	Cancer and other malignant tumors of the breast	Cáncer ú otros tumores malignos de la mama									
44	Cancer and other malignant tumors of the skin	Cáncer ú otros tumores malignos de la piel									
45	Cancer and other malignant tumors of other organs and organs not specified.	Cáncer ú otros tumores malignos en otros órganos						1			1
46	Other tumors (tumors of the female genitals excepted).	Otros tumores (exceptuándose los de los órganos genitales de la mujer.)									
47	Acute, articular rheumatism	Reumatismo articular agudo							1		1
48	Chronic rheumatism, and gout	Reumatismo crónico y gota					4	3			7
49	Scurvy	Escorbuto									
50	Diabetes	Diabetes									
51	Exophthalmic goiter	Bocio exoftálmico									
52	Addison's disease	Enfermedad bronceada de Addison									
53	Leukæmia	Leucemia									
54	Anæmia chlorosis	Anemia, clorosis					1	2			3
55	Other general diseases	Otras enfermedades generales									
56	Acute alcoholism, or chronic	Alcoholismo agudo ó crónico									
57	Lead poisoning	Saturnismo									
58	Other poisonings incident to occupations	Otras intoxicaciones profesionales crónicas									
59	Other chronic poisonings	Otros envenenamientos crónicos							1		1
	II.	**II.**									
	Diseases of the Nervous System and the Organs of Special Sense.	**Enfermedades del Sistema Nervioso y de los Órganos de los Sentidos.**									
60	Encephalitis	Encefalitis						1			1
61	Simple meningitis	Meningitis simple					16	5			21
61a	Epidemic cerebro-spinal meningitis	Meningitis cérebro-espinal epidémica									
62	Progressive locomotor ataxia	Ataxia locomotriz progresiva						2			2
63	Other diseases of the spinal cord	Otras enfermedades de la médula espinal					1				1
64	Cerebral congestion and hemorrhage	Congestión y hemorragia cerebrales			1		5	4	1		11
65	Cerebral softening	Reblandecimiento cerebral					1	2			3
66	Paralysis without apparent cause	Parálisis sin indicación de causa									
67	General paralysis	Parálisis generales					2	1			3

CAUSES OF DEATHS FOR THE MONTH OF JANUARY, 1902—Continued.

	Nomenclature Designed for the Statistics of Death.	Nomenclatura para las Estadísticas de Defunciones.	American. M.	American. F.	European. M.	European. F.	Filipino. M.	Filipino. F.	Chinese. M.	Chinese. F.	Total.
	II.—Diseases of the Nervous System and the Organs of Special Sense—Cont'd.	**II.—Enfermedades del Sistema Nervioso y de los Órganos de los Sentido—Cont'n.**									
68	Other forms of insanity	Otras formas de alineación mental									
69	Epilepsy	Epilepsia									
70	Eclampsia (nonpuerperal)	Eclampsia (no puerperal)					16	21			37
71	Convulsions of children	Convulsiones en los niños					141	107			248
72	Tetanus	Tétano					10	6			16
73	Chorea	Corea									
74	Other diseases of the nervous system	Otras enfermedades del sistema nervioso					8	1			9
75	Diseases of the eye and its adnexa	Enfermedades de ojos y sus anexos									
76	Diseases of the ear	Enfermedades de los oídos									
	III.	**III.**									
	Diseases of the Circulatory System.	**Enfermedades del Aparato Circulatorio.**									
77	Pericarditis	Pericarditis					4	2			6
78	Acute endocarditis	Endocarditis aguda						2			2
79	Organic disease of the heart	Enfermedades orgánicas del corazón					4	2			6
80	Angina pectoris	Angina de pecho					10	3			13
81	Affections of the arteries (atheroma, aneurism, etc.)	Afecciones de las arterias, etc					5	5			10
82	Embolus and thrombosis	Embolia y trombosis						1			1
83	Affections of the veins (varisis, hemorrhoides, phlebitis)	Afecciones de las venas									
84	Affections of the lymphatic system (lymphangitis, etc.)	Afecciones del sistema linfático									
85	Hemorrhages	Hemorragias									
86	Other affections of the circulatory system	Otras afecciones del aparato circulatorio									
	IV.	**IV.**									
	Diseases of the Respiratory System.	**Enfermedades del Aparato Respiratorio.**									
87	Diseases of the nasal fosse	Enfermedades de las fosas nasales									
88	Affections of the larynx	Afecciones de la laringe					3	7			10
89	Affections of the thyroid body	Afecciones del cuerpo tiroideo									
90	Acute bronchitis	Bronquitis aguda					17	17			34
91	Chronic bronchitis	Bronquitis crónica					7	5	1		13
92	Broncho-pneumonia	Bronco-pneumonía									
93	Pneumonia	Pneumonía						1			1
94	Pleurisy	Pleuresía									
95	Pulmonary congestion and apoplexy	Congestión apoplegía pulmonares					5	2	1		8
96	Gangrene of the lungs	Gangrena del pulmón									
97	Asthma	Asma									
98	Pulmonary emphysema	Enfisema pulmonar									
99	Other diseases of the respiratory system (phthisis excepted).	Otras enfermedades del aparato respiratorio (exceptuándose la tisis).									
	V.	**V.**									
	Diseases of Digestive System.	**Enfermedades del Aparato Digestivo.**									
100	Affections of the mouth and its adnexa	Afecciones de la boca y de sus anexos									
101	Affections of the pharynx	Afecciones de la faringe									
102	Affections of the esophagus	Afecciones del esófago									
103	Ulcer of the stomach	Ulcera del estómago					2				2
104	Other affections of the stomach (cancer excepted)	Otras afecciones del estómago (exceptuándose el cáncer).					2	5			7
105	Diarrhea and enteritis (under 2 years)	Diarrea y enteritis (en niños menores de 2 años)					10	4			14
105a	Chronic diarrhea and enteritis	Diarrea y enteritis crónica					28	33	3		64
106	Diarrhea and enteritis (2 years and over)	Diarrea y enteritis (en niños de 2 ó más años)					3		1		4
107	Intestinal parasites	Parásitos intestinales									
108	Hernias; intestinal obstructions	Hernias; obstrucciones intestinales						1			1
109	Other affections of the intestines	Otras afecciones del intestino									
110	Acute yellow atrophy of the liver	Ictericia grave			1		1	1			3
111	Hydatid tumors of the liver	Tumores hidátidicos del hígado									
112	Cirrhosis of the liver	Cirrosis del hígado					1				1
113	Biliary calculi	Cálculos biliares									
114	Other affections of the liver	Otras afecciones del hígado					2	1			3
115	Affections of the spleen	Afecciones del bazo									
116	Simple peritonitis (puerperal excepted)	Peritonitis simple (exceptuándose la puerperal)						2			2
117	Other affections of the digestive system (cancer and tuberculosis excepted).	Otras afecciones del aparato digestivo (exceptuándose el cáncer y tuberculosis).									
118	Appendicitis and abscess of the iliac fossa	Apendicitis y filimón de la fosa iliaca									
	VI.	**VI.**									
	Diseases of the Genito-Urinary System and its Adnexa.	**Enfermedades del Aparato Génito Urinario y de sus Anexos.**									
119	Acute nephritis	Nefritis aguda					2		1		3
120	Bright's disease	Mal de bright							1		1
121	Other diseases of the kidneys and their adnexa	Otras enfermedades de los riñones y de sus anexos			1						1
122	Calculi of the urinary tract	Cálculos de las vías urinarias									
123	Diseases of the bladder	Enfermedades de la vegiga									
124	Diseases of the urethra, urinary abscess, etc	Enfermedades de la uretra									
125	Diseases of the prostate	Enfermedades de la próstata									
126	Nonvenereal diseases of the male genital organs	Enfermedades no venereas de los órganos genitales del hombre.									
127	Metritis	Metritis						1			1
128	Uterine hemorrhage (nonpuerperal)	Hemorragia uterina (no puerperal)									
129	Tumor, uterine (noncancerous)	Tumor uterino (no canceroso)									
130	Other diseases of the uterus	Otras enfermedades del útero									
131	Cysts and other tumors of the ovary	Quistes y otros tumores del ovario									
132	Other diseases of the female genital organs	Otras enfermedades de los órganos genitales de la mujer.									
133	Nohpuerperal diseases of the breast (cancer excepted)	Enfermedades no puerperales de la mama (exceptuándose el cáncer).									

CAUSES OF DEATHS FOR THE MONTH OF JANUARY, 1902—Continued.

	Nomenclature Designed for the Statistics of Death.	Nomenclatura para las Estadísticas de Defunciones.	American.		European.		Filipino.		Chinese.		Total.
			M.	F.	M.	F.	M.	F.	M.	F.	
	VII.	**VII.**									
	The Puerperal State.	**Estado Puerperal.**									
134	Accidents of pregnancy	Accidentes de la preñez									
135	Puerperal hemorrhage	Hemorragia puerperal						1			1
136	Other accidents of labor	Otros accidentes del parto						1			1
137	Puerperal septicæmia	Septicemia puerperal						8			8
138	Albuminuria and puerperal eclampsia	Albuminuria y eclampsia puerperales						2			2
139	Puerperal phlegmasia alba dolens	Flegmasia alba dolens puerperal						1			1
140	Other puerperal accidents—sudden death	Otros accidentes puerperales—muerte repentina									
141	Puerperal diseases of the breast	Enfermedades puerperales de la mama									
	VIII.	**VIII.**									
	Diseases of the Skin and Cellular Tissue.	**Enfermedades de la Piel y del Tejido Celular.**									
142	Gangrene	Gangrena									
143	Furuncle	Forúnculo									
144	Warm-acute abscess	Abscesos calientes agudos									
145	Other diseases of the skin and its adnexa	Otras enfermedades de la piel									
	IX.	**IX.**									
	Diseases of the Organs of Locomotion.	**Enfermedades de los Órganos de la Locomoción.**									
146	Affections of the bones (nontuberculous)	Afecciones de los huesos (exceptuando la tuberculosis).									
147	Diseases of the joints (tuberculosis and rheumatism excepted).	Afecciones de las articulaciones (exceptuando la tuberculosis y el reumatismo).					1				1
148	Amputation	Amputación									
149	Other affections of the organs of locomotion	Otras afecciones de los órganos de la locomoción									
	X.	**X.**									
	Malformations.	**Vicios de Conformación.**									
150	Congenital malformations (stillbirths excepted)	Vicios de conformación congénitos (exceptuándose los de niños nacidos muertos).									
	XI.	**XI.**									
	Early Infancy.	**Primera Infancia.**									
151	Congenital debility, icterus and sclerema	Debilidad congénita, ictericia y esclerema				1	1	5			7
152	Other special diseases of early infancy	Otras enfermedades especiales de la primera edad					3	1			4
153	Lack of care	Falta de cuidados									
	XII.	**XII.**									
	Old Age.	**Vejez.**									
154	Senile debility	Debilidad senil					6	10			16
	XIII.	**XIII.**									
	Affections Produced by External Causes.	**Afecciones Producidas por Causas Exteriores.**									
155	Suicide by poison	Suicidio por envenenamiento									
156	Suicide by asphyxia	Suicidio por asfixia									
157	Suicide by hanging or strangulation	Suicidio por suspensión ó por extrangulación									
158	Suicide by submersion	Suicidio por submersión									
159	Suicide by firearms	Suicidio por armas de fuego									
160	Suicide by cutting instruments	Suicidio por instrumentos cortantes									
161	Suicide by jumping from high place	Suicidio por dejarse caer desde un punto elevado									
162	Suicide by crushing	Suicidio por aplastamiento									
163	Other suicides	Otros suicidios									
164	Fractures	Fracturas									
165	Dislocations	Luxaciones									
166	Other accidental traumatisms	Otros traumatismos accidentales									
167	Burns	Quemaduras por el fuego					1	1			2
168	Burning by corrosive substances	Quemaduras por substancias corrosivas									
169	Insolation	Insolación									
170	Freezing	Congelación									
171	Electrical shocks	Conmoción eléctrica									
172	Accidental submersion	Submersión accidental	1				1	1	1		4
173	Inanition	Inanición					1				1
174	Inhalation of deleterious gases (suicide excepted)	Absorción de gases deletéreos									
175	Other acute poisonings	Otros envenenamientos agudos									
176	Other external violence	Otras violencias exteriores					1				1
	XIV.	**XIV.**									
	Ill-Defined Diseases.	**Enfermedades Mal Definidas.**									
177	Dropsy	Hidropesía						1			1
178	Sudden death	Muerte repentina									
179	Unspecified or ill-defined causes of death	Causas de muerte no especificadas ó mal definidas			1						1
	Total		1		7	2	395	328	24	1	
	Grand total		1		9		723		25		760

Population of Manila.

Filipinos	218,900
Chinese	60,680
Foreigners	7,852
Americans	6,462
United States Army	3,260
Total	297,154

Deaths occurring during the month of January.

Filipinos	723
Chinese	25
Foreigners	9
Americans	3
United States Army	5
Total	765

Annual death rate per thousand for the month.

Filipinos	38.91
Chinese	4.85
Foreigners	13.50
Americans	5.43
United States Army	18.07
Average	30.33

Births reported in January.

Filipinos	349
Chinese	2
Foreigners	13
Americans	4
Total	368

Annual birthrate per thousand for the month.

Filipinos	18.78
Chinese	.38
Foreigners	19.51
Americans	7.29
Average	14.59

Number of deaths with causes occurring among transients in Manila during the month of January.

[These deaths are not included in preparing death rate of city.]

	Diseases.	American, male.	Filipinos. M.	Filipinos. F.	Total.
1	Typhoid fever		1	1	2
4a	Malarial cachexia			1	1
14	Dysentery		3		3
17	Leprosy		4	2	6
19	Other epidemic affections		24	2	26
27	Tuberculosis of lungs		10	2	12
28	Tuberculosis of meninges		1		1
29	Tuberculosis of abdomen		1		1
54	Anæmia, chlorosis		1	1	2
	Diseases of the nervous system and the organs of special sense:				
64	Cerebral congestion and hemorrhage	1	4		5
65	Cerebral softening		1		1
70	Eclampsia (nonpuerperal)			1	1
71	Convulsions of children		2		2
	Diseases of the circulatory system:				
78	Acute endocarditis		1		1
80	Angina pectoris		2		2
81	Affections of the arteries		1	1	2
	Diseases of the respiratory system:				
93	Pneumonia		2		2
94	Pleurisy		1		1
95	Pulmonary congestion and apoplexy		1		1
99	Other diseases of the respiratory system (phthisis excepted)		1		1
	Diseases of digestive system:				
105	Diarrhea and enteritis (under 2 years)		1		1
105a	Chronic diarrhea and enteritis		2	5	7
	Diseases of the genito-urinary system and its adnexa:				
120	Bright's disease			1	1
122	Calculi of the urinary tract		1		1
130	Other diseases of the uterus			1	1
140	The puerperal state: Other puerperal accidents, sudden death			1	1
154	Old age: Senile debility		1		1
175	Affections produced by external causes: Suicide by hanging, strangulation		1		1
	Total	1	67	19	87

Deaths by age.

Under 30 days	108
30 days to 1 year	319
1 year to 2 years	43
2 years to 5 years	20
5 years to 10 years	13
10 years to 15 years	14
15 years to 20 years	26
20 years to 25 years	35
25 years to 30 years	60
30 years to 40 years	59
40 years to 50 years	51
50 years to 60 years	46
60 years to 70 years	27
70 years to 80 years	18
80 years to 90 years	5
90 years to 100 years	0
100 years to 110 years	2
Total	847

Stillbirths, 33. Of the grand total of 847 deaths, 87 were those of transients, while 760 were permanent residents of Manila.

Deaths by districts.

Walled City	32
Binondo	45
San Nicolas	74
Tondo	206
Santa Cruz	138
Quiapo	45
Sampaloc	67
San Miguel	36
Paco	53
Ermita	23
Malate	23
Pandacan	18
Transient residents	87
Total	847
Post of Manila	5

Thirty-three of above were stillbirths.

Number of deaths with medical attendance	242
Number of deaths without medical attendance	580
Number of deaths, Chinese	25
Total	847

Thirty-three of above were stillbirths.

Burials, January, 1902.

Cemeteries:	Number.
Loma (Government)	273
Paco General (Government)	21
Santa Cruz	5
Balic-balic	114
Binondo	8
Tondo	286
Maytubig	54
Malate	54
Pandacan	21
Chinese	29
Crematory	6
Santa Ana	7
American National Cemetery	1
United States Morgue	1
Total	880

Thirty-three of above were stillbirths and 87 transient residents.

Crematories, December, 1901.

	Paco.	Santa Cruz.	Total.
Cart loads of refuse consumed	967	678	1,645
Carcasses of native horses consumed	66	88	154
Carcasses of American horses consumed	48	1	49
Carcasses of mules consumed	36	7	43
Carcasses of carabaos consumed	3	41	44
Carcasses of cows consumed	1	36	37
Carcasses of dogs consumed	11	2	13
Carcasses of fowls consumed	66	173	239
Carcasses of rats consumed	11		11
Carcasses of pigs consumed	1		1
Carcasses of snakes consumed	4		4

Number of loads of garbage dumped in suburbs	5,475
Number of loads of garbage dumped at sea	1,917

Veterinary Division.

[WILLIAM W. RICHARDS, V. S., City Veterinarian; JOHN G. SLEE, D. V. S., Assistant City Veterinarian.]

On arrival in city:	
Number of cattle inspected	2,279
Number of hogs inspected	4,436
Number of carabaos inspected	82
Number of sheep inspected	7
Number of goats inspected	15
Number of horses inspected	250
Number of other animals inspected	12
In Government slaughterhouse:	
Number of cattle slaughtered	1,650
Number of hogs slaughtered	5,029
Number of sheep slaughtered	9
Number of cattle condemned and cremated	17
Number of hogs condemned and cremated	23
Number of horses condemned for glanders	6

Comparative mortality from January 1, 1901, to January 31, 1902.

	1900.	1901.	1902.
Number of deaths	1,055	753	760
Annual death rate per 1,000	50.65	36.22	30.46

Disinterments, January, 1902.

Santa Cruz Cemetery	5
Paco Cemetery	10
Chinese Cemetery (for removal to China)	15
American National	1
Total	31

Division of Inspection.

Number of inspections and reinspections	61,112
Number of adverse reports made by inspectors	15,979
Number of written notices served	9,307
Legal proceedings instituted for noncompliance with notice served	328
Number of permits issued to clean vaults, drains, etc	0
Houses disinfected	521
Premises cleaned	314
Barrels of night soil conveyed to sea	9,709

Vaccine virus issued during month ending January 31, 1902.

[Vaccine Institute, SATURNINO ESPEJO, Director.]

	Units.
Army	7,805
Navy	5,450
Inhabitants of the Archipelago (excluding Manila)	171,075
Inhabitants of Manila	5,826
Total	190,156

Number of young carabaos used in preparation of virus, 16.

Vaccination, January, 1902.

	Children.	Adult.	Total.
Walled City:			
Filipinos	154	234	388
Chinese		41	41
Americans		3	3
Binondo:			
Filipinos	33	89	122
Chinese	5	822	827
Foreigners		3	3
San Nicolas:			
Filipinos	35	134	169
Chinese	5	763	768
Tondo:			
Filipinos	164	265	429
Chinese		555	555
Americans		1	1
Foreigners		2	2
Santa Cruz:			
Filipinos	151	414	565
Chinese	3	437	440
Americans		1	1
Foreigners		8	8
Quiapo:			
Filipinos	52	63	115
Chinese		56	56
San Miguel:			
Filipinos	154	66	220
Chinese		6	6
Sampaloc:			
Filipinos	74	94	168
Chinese		12	12
Foreigners		7	7
Paco:			
Filipinos	343	295	638
Chinese	2	31	33
Foreigners	7		7
Ermita:			
Filipinos	82	104	186
Chinese		10	10
Americans		1	1
Malate:			
Filipinos	23	22	45
Total	1,287	4,539	5,826

RECAPITULATION.

Children	1,287
Adults	4,539
Total	5,826
Walled City	432
Binondo	952
San Nicolas	937
Tondo	987
Santa Cruz	1,014
Quiapo	171
San Miguel	226
Sampaloc	187
Paco	678
Ermita	197
Malate	45
Grand Total	5,286

Summary of statistics of births and deaths.

Population, census (Health Department)	297,154
Mortality for the month of January	765
Annual death rate per 1,000 for month of January	30.33
Births reported [1]	368
Annual birthrate (based on reports)	14.59

[1] Incomplete.

Monthly statement from United States office of identification morgue, Manila, P. I., January, 1902.

	Soldiers, United States Army.	Civilians.	Women.
Deaths:			
Deaths among residents, post of Manila	4	1	
Deaths among casuals in the military hospitals, city of Manila, P. I	6	1	
Brought in for disposition from the various nearby posts, vicinity of Manila	2		
Disposition of the bodies received:			
Bodies embalmed for shipment to the United States	10		
Bodies buried in National Cemetery, Manila	2	2	
Bodies awaiting shipment to the United States	3		1

Infectious diseases reported during month of January, 1902, by districts.

District.	Typhoid fever.	Smallpox.	Measles.	Tuberculosis of lungs.	Total.
Walled City	1				1
Binondo			1	2	3
San Nicolas			1	1	2
Tondo				2	2
Santa Cruz		1	1		2
Sampaloc				3	3
Ermita			1		1
Total	1	1	4	8	14

Reports Received of Lepers Living in the Various Provinces of the Philippine Islands, to January 31, 1902.

Province.	Race.	Number of men.	Number of women.	Children.[1] M.	Children.[1] F.	Single. M.	Single. F.	Married M.	Married F.	Widower.	Widow.	Total.
Antique	Filipinos	66	33	1		29	25	31	4	6	4	100
Batangas		7	3			4	2	2	1	1		10
Bataan		10	4	1	1	5		3	2	2	2	16
Benguet	Igorrotes	31	10	1	1	1		21	10	9		43
Ambos Camarines.	Filipinos	33	17	1	1	24	12	8	5	1		52
Bulacan	do	17	9	2	1	12	6	5	3			29
Ilocos Norte	do	45	28	5	2	9	10	31	8	5	10	80
Ilocos Sur	do	176	84	4	2	101	50	66	17	14	12	266
Leyte	do	32	20	1	3	16	13	14	4	2	3	56
Masbate	do	51	35	25	10	22	15	23	19	2	5	121
Cagayan	do	33	22		2	17	7	10	14	6	1	57
Lepanto	do	14	4	1		5	1	8		1	3	19
Cavite	do	15	5		3	15	3				2	23
Nueva Ecija	do	12	7			4	3	7	4		1	19
Negros Occidental.	do	25	11	5	1	16	10	8	1	1		42
Pampanga	do	8	5	2		3	1	5	3	1		15
Pangasinan	do	115	78		2	36	26	60	38	19	14	195
Rizal	do	1				1						1
Marinduque	do	1	1	1			1	1				3
Laguna	do	1						1				1
San Lazaro	do	112	60	2	2	83	36	27	20	2	4	176
Tarlac	do	27	24	11	4	7	9	17	11	2	5	66
Sorsogon	do	75	33	1	1	33	17	40	10	3	5	110
Romblon	do	4	10			2	6	2	3	1		14
Samar	do	39	32	13	8	17	9	21	18	3	3	92
Union	do	43	28	3		15	14	24	12	4	2	74
Zambales	do	51	31	2		29	13	20	13	4	3	84
Cottabato (Mindanao).	Moros	7	3			3	1	2	2	2		10
Cebu	Filipinos	118	72	2	2	104	57	15	14			194
Iloilo		231	66	11	2	113	37	94	9	24	20	310
Negros Oriental.		66	42	6	2	27	23	32	14	7	5	116
Total		1,466	777	101	50	753	407	598	259	122	104	2,394

[1] Young boys and girls up to 12 years.

Report of Bureau of Government Laboratories.

[Submitted by PROF. PAUL C. FREER, Superintendent of Government Laboratories.]

LOCUST PLAGUE.

Tubes of fungus sent out, December, 46; January, 15.

During the months of December and January, 61 tubes of fungus culture were sent to provinces from which the locust plague was reported.

Advices have been received from 14 provinces, announcing the entire disappearance of the locusts previous to the arrival of the fungus.

A report from the Province of Albay states that after the use of the cultures the locusts disappeared completely and large numbers of dead ones were found. The governor of the province presumes the death of the insects to be caused by the locust fungus.

In one province, Ilocos Norte, the provincial board, by resolution, decided not to experiment with the fungus, although locusts existed, because of a fear that disease among the natives would result from the use of the insects as food. Instructions in this respect have been sent to the province.

Examination of rats for plague.

Rats caught and delivered at the Laboratory from December 31 up to and including January 31, 1902	16,776
Total rats caught by Board of Health since September 1	33,772

January.	Total rats.	Plague rats.	Per cent.
1			
2	617	7	1.11
3	433	4	.92
4	631	8	1.26
5			
6	334	1	.29
7	507	6	1.18
8	423	6	1.41
9	388	0	
10	306	0	
11	454	2	.44
12			
13	584	0	
14	503	1	.198
15	394	1	.25
16	525	1	.19
17	609	1	.16
18	738	5	.67
19	656	1	.15
20	735	0	
21	823	3	.36
22	659	0	
23	729	0	
24	885	0	
25	884	1	.11
26	688	1	.146
27	682	1	.14
28	519	0	
29	583	0	
30	756	0	
31	729	1	.13
Total	16,776	51	.30

Plague rat report, by weeks.

Date.	Total rats.	Plague rats.	Percentage.
Week ending January 7	2,522	26	1.32
Week ending January 14	2,658	9	.33
Week ending January 21	4,480	12	.26
Week ending January 28	5,046	3	.04
January 29, 30, 31	2,070	1	.04
Total	16,776	51	.30

The epidemic of plague among the rats reached a maximum of 2.62 per cent during the week ending December 31, and has steadily diminished since that time, being but 0.04 per cent from January 21 to January 31. For the present, the epidemic among the rats may be regarded as over.

Report of pathological examinations for January.

Nature.	Negative.	Positive.	Total.	Diagnosis.
Blood counts			7	
Spreads	18	76	94	Gonorrhea.
Widal	10	1	11	
Sputum	19	14	33	Tubercle bacillus.
Blood	19	0	19	Malaria.
Stools	15	11	11	Amœba dysenteriæ.
		8	8	Cercomonas.
		1	1	Trichomonas.
		1	1	Amœba coli.
		1	1	Strongyloides intestinalis.
Total	81	113	201	

Analyses.

	Number.
Urine analyses	26
Samples of paint suspected of adulteration (for custom-house)	9
Samples of wine suspected of adulteration (for Board of Health)	3
Poker chip, for composition (for custom-house)	1
Knitted shawl, silk determination (for custom-house)	1
Samples of drug prescription, for suspected poison (for assistant prosecuting attorney)	3
Samples of bitters (for custom-house)	4
Samples of saffron (for custom-house)	2

MAY 23 1902

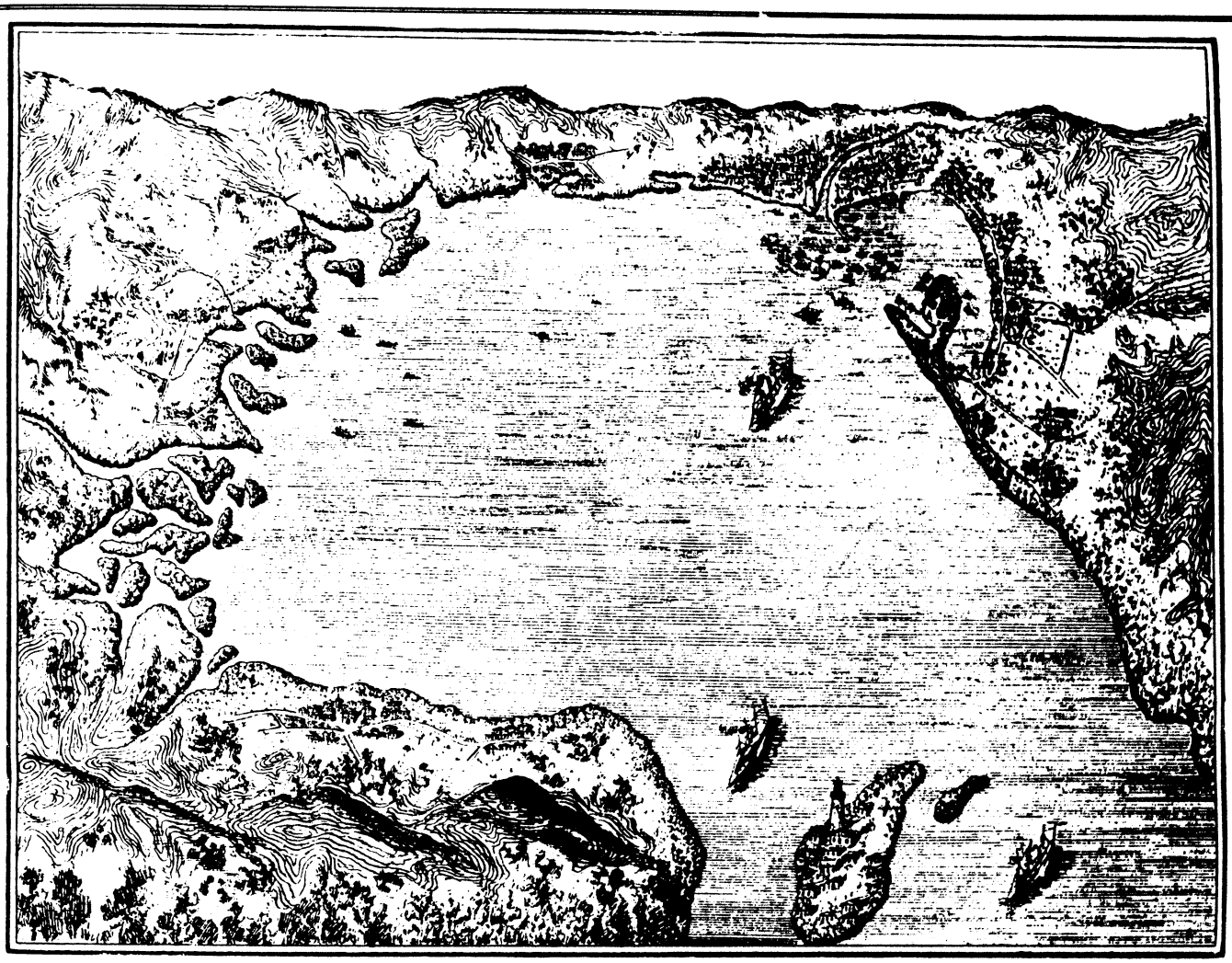
Sm

MONTHLY REPORT OF THE

Board of Health for the Philippine Islands

AND CITY OF MANILA.

To the Honorable DEAN C. WORCESTER, Secretary of the Interior.



BAY OF MANILA—showing the city, Cavite and Cavite Bay. On left of Manila will be noted Parañaque, Las Piñas, Bacoor, Cavite Viejo, San Francisco de Malabon and Imus; on the right, Bacolor and Balanga; at the entrance of bay, Corregidor and Caballo Islands.

...BOARD OF HEALTH...

Major L. M. MAUS, M. D., U. S. Army, Commissioner of Public Health.

FRANKLIN A. MEACHAM, M. D.
Chief Health Inspector.

P. C. FREER, M. D., Ph. D.
Superintendent of Government Laboratories.

C. M. MEAD, B. S.
Sanitary Engineer.

MANUEL GOMEZ MARTINEZ, M. D.
Secretary.

FEBRUARY, 1902.

14059

Office of the Board of Health for the Philippine Islands and City of Manila.

MANILA, P. I., March 17th, 1902.

To the

Honorable Secretary of the Interior.

SIR:—

I have the honor to submit herewith the report of the Board of Health for the Philippine Islands and city of Manila for the month of February, 1902.

Mortality During the Month With Birth and Death Rates.—Seven hundred and eleven deaths occurred among the permanent residents of the city during February, and 89 among the transients. The transient class consists of the seafaring population temporarily in the bay and natives who have been drifting from province to province as a result of the recent insurrection. Deaths occurring in Manila were divided as follows: Filipinos, 659; Chinese, 38; Foreigners, 8; and Americans, 6. The annual death rate per thousand for the month was 30.69, the average among the various nationalities making up the population of the city. The rate of each class was as follows: Filipinos, 38.39; Chinese, 8.16; Foreigners, 13.29; and Americans, 8.4. The death rate among the Chinese, Foreigners and Americans is exceptionally low and compares very favorably with that of any city in the world. The rate among the Filipinos is high and will remain so until many social and economical problems with which they are intimately associated receive a favorable solution, among which may be mentioned prominently the question of suitable habitations. Deaths during the month resulted principally from the following prominent causes: Convulsions of children, 211; dysentery and diarrhoea, 92; acute and chronic bronchitis, 73: tuberculosis, 55; puerperal eclampsia, 35; congenital and senile debility, 31; beri beri, 27; simple meningitis, 21; tetanus, 20; intermittent fever, 14; and affections of the larynx (probably tuberculous), 12. Three hundred and thirty-nine births were recorded during the month, although there are excellent reasons to believe that this number does not represent more than two-thirds of the births that occurred. Very few deliveries take place with the assistance of physicians, even among the better classes. Licensed midwives are employed by those able to pay for such services, the majority of the natives receiving no assistance, even in serious cases. While City Ordinance No. 2 requires a notification of every birth from the nearest relative, in the absence of a physician or midwife, it is very difficult to enforce the law.

Public Health and Climatic Conditions in the Philippines.—It will be noted, after examination of the death rates among Americans, Chinese and other foreigners, that the mortality among these classes is as low as that of any city in the United States. The present rate among the native Filipino, the mass of the city population (223,900), is high, but no higher than can be expected under existing circumstances. The Filipino element in Manila consists mainly of Indians (Tagalos,) who are not only densely ignorant, but whose general conditions of life are little better than those of the pueblo Indians of New Mexico and Arizona. As a rule, these people occupy humid and wretched apartments on the ground floor of the stone or frame buildings in the city, or miserable huts or shacks crowded together in interior courts, or located over esteros, drains, swamps and other unsuitable and insanitary localities. Poorly supplied with nutritious food, using polluted well water and surrounded by misery, they rarely call a physician when taken ill, and die in large numbers from preventable diseases and anemia. Place these people in sanitary habitations with proper food, and it would be safe to predict a reduction of at least 50 per cent. of the present rate of mortality among them. The climate of the Philippines is pleasant, equable and healthful, and it is doubtful whether any other country in the world is more favored in this regard. At the level of the sea throughout the entire archipelago the mercury rarely goes below 60° or above 90° F. during the entire year. The mean maximum temperature for each month during the period beginning January 1, 1885, and ending December 31, 1898, was as follows: January, 85.6; February, 87.3; March, 89.9; April, 92.5; May 91.9; June, 89.8; July, 87.3; August, 87.1; September, 86.9; October, 87.8; November, 86.3; December, 85.3, with a general mean maximum for the twelve months for this period of 88.1. The monthly mean minimum for the same period was as follows: January, 69.3; February, 69.1; March, 71.6; April, 73.9; May, 75.7; June, 75.6; July, 75.2; August, 75.2; September, 75.2; October, 75.3; November, 72.7; December, 70.9, with a general mean minimum during the same period of 73.2. From the middle of November until the middle of March, the temperature in Manila is delightful; from that time on until the latter part of June, it is hot during the middle of the day, but considerably less so than in many of the Southern States during the summer, and cool compared to the Texas Border along the Rio Grande. From July to November, during the rainy season, the temperature is little higher than during the winter months, which is due to the frequent rains and clouded condition of the sky. Many people who have lived here several years regard the rainy season as preferable to any other season of the year. During the early years of American occupancy, when campaigns and severe hikes were daily occurrences, our troops suffered severely from intestinal and other troubles which were preventable. Neither officers nor men understood how to care for themselves, and constantly drank polluted water from the pueblo wells, and exposed themselves unnecessarily to the rays of a tropical sun. Partly as a result of the large amount of sickness which occurred among the troops, and partly from grossly misleading and exaggerated reports sent to newspapers and friends in the United States by hysterical men and women who were here at the time, the climate of the Philippines has been so greatly misrepresented that many Americans have been dissuaded from coming here on that account. Recent experience among both American civilians and troops has proven the contrary of these previous unfavorable reports. With the exception of loss of fat, few who understand how to live in the Philippines will suffer ill health as a result of climatic conditions. The

loss of flesh, as a rule, occurs during the first year's residence, the period of acclimatization, but generally returns during the second or third year. Americans and Europeans accustomed to a bracing and rigorous climate frequently lose energy after several years of residence in any tropical climate and should return for recuperation from time to time. English business houses in the Orient and especially in the tropics give their employees a year's leave on full pay for this purpose, after each five years of continuous service. While no fixed rule will suit the case of every one, troops unaccustomed to the tropics should not be required to serve longer than three years during each tour. However, as altitude overcomes latitude, it might be well for both the civil and military authorities to take into consideration the many favorable places in the Philippines where resorts or camps of recuperation at an altitude of from four to six thousand feet could be located, and where a cool and invigorating climate could be secured without leaving the limits of the archipelago. The province of Benguet is well adapted for such camps, and other mountain regions less remote from Manila.

Plague, Rats, and Methods Employed for Their Destruction.—Two cases of plague occurred during the month, both of which proved fatal. The first case, a Filipino woman living on Calle Victoria, Intramuros, was discovered a few moments before death and was unattended by a physician. The second case, that of a Chino living on Carvajal Street and also unattended by a physician, was reported by a sanitary inspector, the diagnosis verified, and the man at once removed to the pest hospital, where he died the following day. Forty-eight cases of bubonic plague occurred in February, 1900, and 27 during the same month of 1901. In view of the association between plague and rodents, an incessant war has been waged against the latter since September, 1901, by the Board of Health. Squads of rat-catchers, armed with traps, rat-bane and other necessary implements, have been assigned to the various districts of the city, under the supervision of the district sanitary inspector. These squads generally consist of ten rat catchers with a chief, who becomes responsible for the placing of traps, bane and the collection of rats. During February, 20,001 rats were actually delivered to the government laboratory, 9834 of which were examined microscopically for plague infection, and 13 found affected. Since September last, 53,773 have been secured by the Board of Health, either through the official rat-catchers or natives, 40,666 of which have been examined microscopically for bacilli. Of the number examined, 242 have been found affected with the plague. Percentage of plague rats for November, 1.14; for December, 1.33; for January, $\frac{3}{10}$ of 1%; for February, $\frac{13}{100}$ of 1%. It will be noted that since December the percentage of plague rats has rapidly decreased. During November and December, on certain days plague rats amounted to three or four per cent. of those delivered. During February the aggregate of traps set amounted to 65,379, and rat bane placed, to 403,789 plates. The streets of each district are visited in order, and traps and bane placed for three days and nights consecutively in each house. The following methods are employed for catching or destroying rats: (1) Traps baited with bacon, fish, cheese, meat scraps or boiled rice. (2) By hand. In this case the rat-catchers run the arm into holes, rat-runs, sewers or catch them after being driven out of old lumber piles, or from under shacks which are being removed, etc. In some instances rat-catchers have been badly bitten, but except a slight phlegmonous inflammation, no serious results have arisen. (3) By means of nets placed over holes or sewers from which the rats have been driven by hot water, carbolic solutions, or the fumes of sulphur. (4) By the use of poisoned foods. The following articles have been used with more or less success: (1) Prepared rat cheese. (2) Rat paint. (3) A mixture of ground glass, flour, corn meal, syrup, with a 1 per cent. of strychnia. (4) Ground rusty bacon with 60 per cent. of arsenious acid. (5) Boiled rice with 60 per cent. of arsenious acid. (6) A dish of flour and plaster of Paris, equal parts, with a dish of water on the side. Death from the last method is produced mechanically. Boiled rice is quite popular with the rats, but the best results are obtained through the rusty bacon preparation. The number of rats destroyed by bane is not known, but it is believed that several hundred thousands have been destroyed in this way.

Shiga Anti-Pestic Vaccinations.—A systematic effort has been made to immunize the susceptibles of Manila against bubonic plague by means of the Shiga anti-pestic vaccine. The work was begun on the 15th of January, and so far, 7440 persons have received the primary inoculation, and 1335 both primary and secondary. Until quite recently the vaccine was produced at the government laboratory, from 200 to 300 doses being furnished daily. In beginning this work, the Board of Health believed that it would be necessary to immunize from 75,000 to 100,000 of the inhabitants, and especially those living in Intramuros, Binondo, San Nicolas, Tondo, Quiapo and Santa Cruz, the pest districts. The lower classes, which includes the Chinos, cocheros, laborers, servants, peddlers, etc., with their wives and children, occupants of the lower floors and nipa houses, were particularly intended to receive this attention.

Dr. J. V. Tormey, Medical Inspector of the Board, was placed in charge of this work, and, so far, has carried it on effectively and without opposition from the people. At the request of the representative Chinos of the city, the services of Miss Seagran were secured to vaccinate the wives and children of the Chinese population. On January 22nd, arrangements were made by cable with Prof. Kitasato, of Tokio, to ship 10,000 doses of Shiga anti-pestic vaccine weekly, and the first invoice arrived March 2nd. At present seven additional native physicians are employed to assist the Board in these inoculations.

General Inspection.—Until recently, the Board of Health has been badly handicapped through a lack of competent medical inspectors, and although four were authorized by the Civil Commission but one could be secured through the Civil Service Board. Finding it impossible to secure these appointments from physicians living in the Philippines, an application for the detail of four medical officers of the Army for temporary duty was submitted to the Division Commander, which was approved, and the assignments made. The present force consists of three medical inspectors of the Board (two temporary), and four medical officers of the Army. One medical inspector was appointed February 21st, but so far has not been discharged as contract surgeon of the Army.

Dr. Meyer Herman, Medical Inspector, performed the duties of Chief Health Inspector during the month, in the absence of Major Meacham, who was in Hong Kong placing bids for the proposed pail system, and has displayed energy and ability in the inspection of the various departments under his direction.

Mr. Osgood, the Assistant Sanitary Engineer, inspected 340 houses condemned by the Board for plague or insanitary condition, and prepared plans and specifications for remodeling and placing them in a proper condition. In addition to the compulsory work required of property owners, a large number of houses are being repaired at the suggestion of the Board without resorting to legal steps.

The assignment of work among the medical inspectors is as follows: Dr. Herman, general charge of inspections. Major Combe, inspection of plague houses, their repair, disinfection, etc. Since the beginning of the present epidemic, plague has occurred in 600 houses, and rats affected with the disease found in 28 others. These houses are now receiving a thorough

overhauling, since nothing previously had been done to them except disinfection. Capt. Barney, inspection and remodelling of nipa houses pursuant to City Ordinance No. 5. Capt. Marshall, special inspections. Contract Surgeon Southall, examination of rats for plague. Dr. Abella, licenses and special inspections. Dr. Tormey, in charge of Shiga antipestic vaccinations. The remaining inspections is done by twelve chief sanitary inspectors and sixty-two sanitary inspectors, who are assigned to barrios and sub-districts. All of the chief sanitary inspectors are Americans except three, who are Filipinos, while all of the sanitary inspectors are either natives or Chinos.

Nipa Houses.—Seven hundred and seventy-seven nipa houses were inspected during the month by Capt. Barney, pursuant to City Ordinance No. 5, which authorizes the Board of Health to remove, elevate floors and make other changes in these houses in order to place them in a sanitary condition. The inspector ordered wooden or bamboo floors one meter above the ground in 126 of these houses, and all of the side walls and other obstacles below this floor removed in 619. Thirty-two houses were removed on account of proximity and their insanitary condition. (See special report.)

It will be noted that but 5 of the 777 houses were provided with arrangements for the disposition of night soil. Night vessels are used in a number of these houses by the occupants, their contents being emptied at night on the ground or in esteros in the vicinity of the house, and in the absence of night vessels, the natives resort to the back-yards. Although the city ordinances require that all vegetable matter shall be collected in garbage cans, it is noted that in 777 houses but one was provided with a garbage can.

It is believed that there are from ten to fifteen thousand nipa houses within the strong material district of the city of Manila, and the work that has been assigned to Capt. Barney is colossal in nature. Great improvement has taken place in the nipa shack colony since this work of inspection has begun, and it is believed that, when completed, the sanitary condition of these houses will be placed upon a much higher plane. A large number of these habitations are located over esteros, drains and other damp and humid places, and will either be removed, or the owners required to place the sites in a sanitary condition.

It is intended to establish the pail system in the nipa colony in the near future, and by this method the condition of emptying night soil on the ground will be avoided in the near future.

Houses and Premises Cleaned by the Board of Health.—Seven hundred and fifty houses were cleaned out and disinfected by the laborers employed by the Board of Health and over 300 cartloads of dirt removed from the premises. Many of these houses are old stone buildings whose interiors or back-yards are crowded with huts or shacks and occupied by the poorest classes. Some of these interiors contain as many as fifteen different habitations, each of which shelters a family of from five to ten persons. The occupants of each house (one room) eat, sleep, cook and receive their visitors in the one room, which frequently is not more than twelve feet square and possesses but one door and no windows.

Public Vaccinations. Five thousand, seven hundred and thirty-eight inhabitants of Manila were vaccinated by the municipal vaccinators during the month in Manila, and 252,164, in the provinces of Tayabas, Laguna and Batangas. The latter were vaccinated under the direction of Major Wm. Stephenson, Chief Surgeon, 3rd Separate Brigade, and consisted of natives who had been driven into the various towns of these provinces on account of the recent insurrection, which is being controlled by the active work of Brigadier General J. Franklin Bell, who has taken great interest in all matters pertaining to the welfare and sanitary condition of the people of these provinces

Vaccinations by municipal vaccinators under the direction of the provincial boards of health are also being carried out to a large extent throughout the other provinces of the archipelago, but no definite information has been received from these provinces, although more than 100,000 units of virus have been furnished them. Smallpox, which is prevalent at this season of the year, has been greatly reduced by the vigorous campaign of vaccination.

Provincial and Municipal Boards of Health.—Since January 1st twenty-seven provincial and eighty-six municipal boards of health have been established, over which natives p eside, except in two instances, that of Americans for the provinces of Pangasinan and Negros Oriente. Considerable difficulty has been experienced in securing qualified candidates to fill the position of President of the Municipal Boards, and in some cases one physician or practicante has been appointed for two or more pueblos located near each other. This arrangement has proven satisfactory, and the salary shared by each. From communications received, I believe that a large amount of valuable work has already been accomplished by the provincial and municipal boards of health.

Very respectfully,

L. M. MAUS,

Major and Surgeon, U. S. Army,
Commissioner of Public Health.

POPULATION OF MANILA.

Filipinos	223,900
Chinese	60,680
Foreigners	7,852
Americans	9,722
Total	302,154

DEATHS OCCURRING DURING THE MONTH OF FEBRUARY.

Filipinos	659
Chinese	38
Foreigners	8
Americans	6
Total	711

ANNUAL DEATH RATE PER THOUSAND FOR THE MONTH.

Filipinos	38.39
Chinese	8.16
Foreigners	13.29
Americans	8.4
Average	30.69

BIRTHS REPORTED IN FEBRUARY.

Filipinos	336
Chinese	
Foreigners	2
Americans	1
Total	339

ANNUAL BIRTH RATE PER THOUSAND FOR THE MONTH.

Filipinos	19.57
Chinese	
Foreigners	3.32
Americans	2.01
Average	14.61

Summary of Statistics of Births and Deaths.

Population, census estimated Health Department	302,154
Mortality for the month of February	711
Annual death rate per 1000 for month of February	30.69
*Births Reported	339
Annual birth rate (based on reports)	14.61

*Incomplete.

DEATHS BY AGE.

Under 30 days	101
30 days to 1 year	288
1 year to 2 years	31
2 years to 5 years	36
5 years to 10 years	12
10 years to 15 years	8
15 years to 20 years	13
20 years to 25 years	31
25 years to 30 years	37
30 years to 40 years	64
40 years to 50 years	49
50 years to 60 years	39
60 years to 70 years	43
70 years to 80 years	27
80 years to 90 years	8
90 years to 100 years	3
100 years to 110 years	3
100 years to 115 years	1
Unknown	1
Total	795

Still-births 31. Of the grand total of 826 deaths, 89 were those of transients, while 706 were permanent residents of Manila.

DEATHS BY DISTRICTS.

Walled City	30
Binondo	38
San Nicolas	70
Tondo	169
Santa Cruz	128
Quiapo	35
Sampaloc	67
San Miguel	32
Paco	57
Ermita	18
Malate	19
Pandacan	28
Transient residents	89
Santa Ana	15
Total	795
Post of Manila	

31 of above were still-births.

Number of deaths with medical attendance	301
Number of deaths without medical attendance	456
Number of deaths, Chinese	38
Total	795

31 of above were still-births.

Causes of Deaths for the Month of February, 1902,

(STILL-BIRTHS NOT INCLUDED.)

	Nomenclature designed for the statistics of death.	Nomenclatura para las estadisticas de defunciones.	American M.	American F.	European M.	European F.	Philippino M	Philippino F.	Chinese M.	Chinese F.	Total
	I.	**I.**									
	GENERAL DISEASES.	**Enfermedades generales.**									
1	Typhoid Fever (abdominal typhus)	Fiebre tifoidea						1			1
2	Exanthematic typhus	Tifus exantemático									
3	Recurrent Fever	Fiebre recurrente									
4	Intermittent Fever, and Malarial Cachexia	Fiebre intermitente					5	7	2		14
4a	Malarial Cachexia	Caquexia palúdica					6	2	1		9
5	Variola	Viruelas					3	1			4
6	Measles	Sarampión									
7	Scarlatina	Escarlatina									
8	Whooping Cough	Tos ferina									
9	Diphtheria and Croup	Difteria y Crup						1			1
9a	Diphtheria	Difteria									
10	Grippe	Gripe									
11	Miliary Fever	Fiebre miliar									
12	Asiatic Cholera	Cólera asiático									
13	Cholera nostras	Cólera nostras									
14	Dysentery	Disentería	1		1		3	8	6		19
14a	Epidemic Dysentery	Disentería epidémica									
15	Plague	Peste							1		1
16	Yellow Fever	Fiebre amarilla									
17	Leprosy	Lepra									
18	Erysipelas	Erisipelas									
19	Other Epidemic Affections	Otras afecciones epidémicas					11	9	7		27
20	Purulent Infection and Septicæmia	Infección purulenta y septicemia						1			1
21	Glanders and Farcy	Muermo y lamparones									
22	Malignant Pustule and Anthrax	Pústula maligna y antrax									
23	Rabies	Rabia									
24	Actinomycosis, Trichinosis, etc	Actinomicosis, trichinosis, etc									
25	Pellagra	Pelagra									
26	Tuberculosis of Larynx	Tuberculosis de la laringe									
27	Tuberculosis of Lungs	Tuberculosis del pulmón			1		21	21	7		50
28	Tuberculosis of Meninges	Tuberculosis de las meninges					1				1
29	Tuberculosis of Abdomen	Tuberculosis abdominal					3	1			4
30	Pott's Disease	Mal de Pott									
31	Cold Abscess and Abscess by Congestion	Abscesos fríos y por congestión									
32	White Swellings	Tumores blancos									
33	Tuberculosis of Other Organs	Tuberculosis de otros órganos									
34	Generalized Tuberculosis	Tuberculosis generalizada									
35	Scrofula	Escrófula						1			1
36	Syphilis	Sífilis									
37	Gonorrhea of the Adult	Blenorragia en los adultos									
38	Gonococcic Infections of Children	Afecciones gonocócicas en los niños									
39	Cancer and Other Malignant Tumors of the Buccal Cavity	Cáncer ú otros tumores malignos en la cavidad bucal									
40	Cancer and Other Malignant Tumors of the Stomach and Liver	Cáncer ú otros tumores malignos del estómago é hígado									
41	Cancer and Other Malignant Tumors of Peritoneum, Intestines, and Rectum	Cáncer ú otros tumores malignos del peritoneo, intestinos y recto									
42	Cancer and Other Malignant Tumors of the Female Genitals	Cáncer ú otros tumores malignos de los órganos genitales de la mujer									
43	Cancer and Other Malignant Tumors of the Breast	Cáncer ú otros tumores malignos de la mama									
44	Cancer and Other Malignant Tumors of the Skin	Cáncer ú otros tumores malignos de la piel									
45	Cancer and Other Malignant Tumors of Other Organs and Organs not Specified	Cáncer ú otros tumores malignos en otros órganos							1		1
46	Other Tumors (Tumors of the Female Genitals excepted)	Otros tumores (exceptuándose los de los órganos genitales de la mujer)									
47	Acute Articular Rheumatism	Reumatismo articular agudo									
48	Chronic Rheumatism, and Gout	Reumatismo crónico y gota					2				2
49	Scurvy	Escorbuto									
50	Diabetes	Diabetes									
51	Exophthalmic Goiter	Bocio exoftálmico									
52	Addison's Disease	Enfermedad bronceada de Addison									
53	Leukæmia	Leucemia									
54	Anæmia, Chlorosis	Anemia, clorosis				1	1				2
55	Other General Diseases	Otras enfermedades generales									
56	Acute Alcoholism or Chronic	Alcoholismo agudo ó crónico									
57	Lead-Poisoning	Saturnismo									
58	Other Poisonings Incident to Occupations	Otras intoxicaciones profesionales crónicas									
59	Other Chronic Poisonings	Otros envenenamientos crónicos									
	II.	**II.**									
	Diseases of the nervous system and the organs of special sense.	**Enfermedades del Sistema Nervioso y de los órganos de los sentidos.**									
60	Encephalitis	Encefalitis					2				2
61	Simple Meningitis	Meningitis simple					7	14			21
61a	Epidemic Cerebro-spinal Meningitis	Meningitis cérebro-espinal epidémica									
62	Progressive Locomotor Ataxia	Ataxia locomotriz progresiva									
63	Other Diseases of the Spinal Cord	Otras enfermedades de la médula espinal							1		1
64	Cerebral Congestion and Hemorrhage	Congestión y hemorragia cerebrales					7	4			11
65	Cerebral Softening	Reblandecimiento cerebral									
66	Paralysis Without Apparent Cause	Parálisis sin indicación de causa									
67	General Paralysis	Parálisis generales					1				1

	Nomenclature designed for the statistics of death.	Nomenclatura para las estadisticas de defunciones.	American M.	American F.	European M.	European F.	Philippino M.	Philippino F.	Chinese M.	Chinese F.	Total
	II.—Diseases of the Nervous System and the Organs of Special Sense.	**II.—Enfermedades del sistema nervioso y de los órganos de los sentidos.**									
68	Other Forms of Insanity	Otras formas de alienación mental									
69	Epilepsy	Epilepsia									
70	Eclampsia (nonpuerperal)	Eclampsia (no puerperal)					22	13			35
71	Convulsions of Children	Convulsiones en los niños					119	92			211
72	Tetanus	Tétano					14	5	1		20
73	Chorea	Corea									
74	Other Diseases of the Nervous System	Otras enfermedades del sistema nervioso					3	2			5
75	Diseases of the Eye and its Adnexa	Enfermedades de ojos y sus anexos									
76	Diseases of the Ear	Enfermedades de los oidos									
	III. Diseases of the Circulatory System.	**III. Enfermedades del aparato circulatorio.**									
77	Pericarditis	Pericarditis									
78	Acute Endocarditis	Endocarditis aguda					4				4
79	Organic Disease of the Heart	Enfermedades orgánicas del corazón					2	4			6
80	Angina Pectoris	Angina de pecho					4	3	2		9
81	Affections of the Arteries (Atheroma, Aneurism, etc.)	Afecciones de las Arterias, etc					1		1		2
82	Embolus and Thrombosis	Embolia y Trombosis						1			1
83	Affections of the Veins (Varices, Hemorrhoides, Phlebitis)	Afecciones de las venas									
84	Affections of the Lymphatic System (Lymphangitis, etc.)	Afecciones del sistema linfático									
85	Hemorrhages	Hemorragias									
86	Other Affections of the Circulatory System	Otras afecciones del aparato circulatorio									
	IV. Diseases of the Respiratory System.	**IV. Enfermedades del aparato respiratorio.**									
87	Diseases of the Nasal Fossæ	Enfermedades de las fosas nasales									
88	Affections of the Larynx	Afecciones de la laringe					8	4			12
89	Affections of the Thyroid Body	Afecciones del cuerpo tiroideo									
90	Acute Bronchitis	Bronquitis aguda					17	21			38
91	Chronic Bronchitis	Bronquitis crónica					16	17	2		35
92	Broncho-Pneumonia	Bronco-pneumonía					3	1			4
93	Pneumonia	Pneumonía			1			1	1		3
94	Pleurisy	Pleuresía									
95	Pulmonary Congestion and Apoplexy	Congestion y apoplegia pulmonares				1	3	2			6
96	Gangrene of the Lungs	Gangrena del pulmón									
97	Asthma	Asma									
98	Pulmonary Emphysema	Enfisema pulmonar					1				1
99	Other Diseases of the Respiratory System (Phthisis excepted)	Otras enfermedades del aparato respiratorio (exceptuándose la tisis)									
	V. Diseases of Digestive System.	**V. Enfermedades del aparato digestivo.**									
100	Affections of the Mouth and its Adnexa	Afecciones de la boca y de sus anexos									
101	Affections of the Pharynx	Afecciones de la faringe									
102	Affections of the Esophagus	Afecciones del esófago									
103	Ulcer of the Stomach	Ulcera del estómago						2			2
104	Other Affections of the Stomach (Cancer excepted)	Otras afecciones del estómago (exceptuándose el cáncer)									
105	Diarrhea and Enteritis (under 2 years)	Diarrea y enteritis (en niños menores de 2 años)				1	10	10			21
105a	Chronic Diarrhea and Enteritis	Diarrea y enteritis crónica					22	18	8		48
106	Diarrhea and Enteritis (2 years and over)	Diarrea y enteritis (en niños de 2 6 más años)					4	4			8
107	Intestinal Parasites	Parásitos intestinales									
108	Hernias; Intestinal Obstructions	Hernias; obstrucciones intestinales									
109	Other Affections of the Intestines	Otras afecciones del intestino					1				1
110	Acute Yellow Atrophy of the Liver	Ictericia grave									
111	Hydatid Tumors of the Liver	Tumores hidátidicos del hígado									
112	Cirrhosis of the Liver	Cirrosis del hígado					1	1			2
113	Biliary Calculi	Cálculos biliares					1				1
114	Other Affections of the Liver	Otras afecciones del hígado									
115	Affections of the Spleen	Afecciones del bazo									
116	Simple Peritonitis (Puerperal excepted)	Peritonitis simple (exceptuándose la puerperal)			1		1	2			4
117	Other Affections of the Digestive System (Cancer and Tuberculosis excepted)	Otras afecciones del aparato digestivo (exceptuándose el cáncer y tuberculosis)									
118	Appendicitis and Abscess of the Iliac Fossa	Apendicitis y flemón de la fosa iliaca					1		1		2
	VI. Diseases of the Genito-Urinary System and its Adnexa.	**VI. Enfermedades del aparato génito urinario y de sus adnexos.**									
119	Acute Nephritis	Nefritis aguda					1				1
120	Bright's Disease	Mal de Bright						1			1
121	Other Diseases of the Kidneys and their Adnexa	Otras enfermedades de los riñones y de sus anexos									
122	Calculi of the Urinary Tract	Cálculos de las vías urinarias									
123	Diseases of the Bladder	Enfermedades de la vegiga									
124	Diseases of the Urethra, Urinary Abscess, etc	Enfermedades de la uretra									
125	Diseases of the Prostate	Enfermedades de la prostata									
126	Nonvenereal Diseases of the Male Genital Organs	Enfermedades no venereas de los órganos genitales del hombre									
127	Metritis	Metritis									
128	Uterine Hemorrhage (nonpuerperal)	Hemorragia uterina (no puerperal)									
129	Tumor, Uterine (noncancerous)	Tumor uterino (no canceroso)									
130	Other Diseases of the Uterus	Otras enfermedades del útero									
131	Cysts and Other Tumors of the Ovary	Quistes y otros tumores del ovario									
132	Other Diseases of the Female Genital Organs	Otras enfermedades de los órganos genitales de la mujer									
133	Nonpuerperal Diseases of the Breast (Cancer excepted)	Enfermedades no puerperales de la mama (exceptuándose el cáncer)									

	Nomenclature designed for the statistics of death.	Nomenclatura para las estadisticas de defunciones.	American M.	American F.	European M.	European F.	Philippino M.	Philippino F.	Chinese M.	Chinese F.	Total
	VII. The Puerperal State.	**VII. Estado puerperal.**									
134	Accidents of Pregnancy	Accidentes de la preñez						1			1
135	Puerperal Hemorrhage	Hemorragia puerperal						2			2
136	Other Accidents of Labor	Otros accidentes del parto						1			1
137	Puerperal Septicæmia	Septicemia puerperal						2			2
138	Albuminuria and Puerperal Eclampsia	Albuminuria y eclampsia puerperales						2			2
139	Puerperal Phlegmasia Alba Dolens	Flegmasia alba dolens puerperal									
140	Other Puerperal Accidents-Sudden Death	Otros accidentes puerperales: Muerte repentina									
141	Puerperal Diseases of the Breast	Enfermedades puerperales de la mama									
	VIII. Diseases of the Skin and Cellular Tissue.	**VIII. Enfermedades de la piel y del tejido celular.**									
142	Gangrene	Gangrena									
143	Furuncle	Forúnculo									
144	Warm-acute Abscess	Abscesos calientes agudos									
145	Other Diseases of the Skin and its Adnexa	Otras enfermedades de la piel									
	IX. Diseases of the Organs of Locomotion.	**IX. Enfermedades de los órganos de la locomoción.**									
146	Affections of the Bones (nontuberculous)	Afecciones de los huesos (exceptuando la tuberculosis)									
147	Diseases of the Joints (Tuberculosis and Rheumatism excepted)	Afecciones de las articulaciones (exceptuando la tuberculosis y el reumatismo)									
148	Amputation	Amputación									
149	Other Affections of the Organs of Locomotion	Otras afecciones de los órganos de la locomoción									
	X. Malformations.	**X. Vicios de conformación.**									
150	Congenital Malformations (Stillbirths excepted)	Vicios de conformación congénitos (exceptuándose los de niños nacidos muertos)									
	XI. Early Infancy.	**XI. Primera infancia.**									
151	Congenital Debility, Icterus and Sclerema	Debilidad congénita, ictericia y esclerema			1		7	3			11
152	Other Special Diseases of Early Infancy	Otras enfermedades especiales de la primera edad					5	3			8
153	Lack of Care	Falta de cuidados									
	XII. Old age.	**XII. Vejez.**									
154	Senile Debility	Debilidad senil					4	16			20
	XIII. Affections Produced by External Causes.	**XIII. Afecciones producidas por causas exteriores.**									
155	Suicide by Poison	Suicidio por envenenamiento							1		1
156	Suicide by Asphyxia	Suicidio por asfixia									
157	Suicide by Hanging or Strangulation	Suicidio por suspensión ó por extrangulación									
158	Suicide by Submersion	Suicidio por submersión									
159	Suicide by Firearms	Suicidio por armas de fuego									
160	Suicide by Cutting Instruments	Suicidio por instrumentos cortantes					1	2			3
161	Suicide by Jumping from High Place	Suicidio por dejarse caer desde un punto elevado									
162	Suicide by Crushing	Suicidio por aplastamiento									
163	Other Suicides	Otros suicidios									
164	Fractures	Fracturas									
165	Dislocations	Luxaciones									
166	Other Accidental Traumatisms	Otros traumatismos accidentales									
167	Burns	Quemaduras por el fuego									
168	Burning by Corrosive Substances	Quemaduras por substancias corrosivas									
169	Insolation	Insolación									
170	Freezing	Congelación									
171	Electrical Shocks	Commoción eléctrica									
172	Accidental Submersion	Submersión accidental									
173	Inanition	Inanición						1			1
174	Inhalation of Deleterious Gases (Suicide excepted)	Absorción de gases deletéreos									
175	Other Acute Poisonings	Otros envenenamientos agudos									
176	Other External Violence	Otras violencias exteriores						1			1
	XIV. Ill-defined Diseases.	**XIV. Enfermedades mal definidas.**									
177	Dropsy	Hidropesía						1			1
178	Sudden Death	Muerte repentina									
179	Unspecified or Ill-defined Causes of Death	Causas de muerte no especificadas ó mal definidas									
	Total		1		5	3	349	310	38		
	Grand Total		1		8		659		38		766

Number of Deaths with Causes Occurring Among Transients in Manila the Month of February. These Deaths are not Included in Preparing Death Rate of City.

			Americans.		Foreigners.		Filipinos.		Chinese		TOTAL.
			M.	F.	M.	F.	M.	F.	M.	F.	
	General Diseases.	**Enfermedades generales.**									
1	Typhoid Fever (abdominal typhus)	Tifoidea (Tifus abdominal)					1				1
4	Intermittent Fever	Fiebre intermitente					2	1			3
4a	Malarial Cachexia	Caquexia palúdica					1				1
14	Dysentery	Disenteria					6	2			8
15	Plague	Peste bubónica						1			1
17	Leprosy	Lepra					4	1			5
19	Other Epidemic Affections (Beri-beri)	Otras afecciones epidémicas					18	2			20
27	Tuberculosis of Lungs	Tubérculos de los pulmones					9	6			15
29	Tuberculosis of Abdomen	Tubérculos en el abdomen					1				1
33	Tuberculosis of Other Organs	Tubérculos en otros órganos						1			1
	Diseases of the Nervous System and the Organs of Special Sense.	**Enfermedades del sistema nervioso y otros órganos del sentido.**									
61	Meningitis, simple	Meningitis, simple						1			1
63	Other Diseases of the Spinal Cord	Otras enfermedades de la médula espinal					1				1
64	Cerebral Congestion and Hemorrhage	Congestion cerebral y hemorragia					2	1			3
71	Convulsions of Children	Convulsiones infantiles					2	1			3
	Diseases of the Circulatory System.	**Enfermedades del aparato circulatorio.**									
79	Organic Disease of the Heart	Enfermedades orgánicas del corazón					4	1			5
80	Angina Pectoris	Angina de pecho						1			1
	Diseases of the Respiratory System.	**Enfermedades del aparato respiratorio.**									
88	Affections of the Larynx	Afecciones de la laringe					1				1
91	Chronic Bronchitis	Bronquitis crónica						2			2
	Diseases of Digestive System.	**Enfermedades del aparato digestivo.**									
105a	Chronic Diarrhea and Enteritis	Diarrea y enteritis crónica						2			2
114	Other Affections of the Liver	Otras afecciones del hígado					1				1
118	Appendicitis and Abscess of the Iliac Fossa	Apendicitis y abcesos de la fosa iliaca			1						1
	Diseases of the Genito-Urinary System and its Adnexa.	**Enfermedades del aparato genito-urinario y sus anexos**									
119	Acute Nephritis	Nefritis aguda					2				2
	The Puerperal State.	**Estado ó período puerperal.**									
137	Puerperal Septicaemia	Septicemia puerperal						1			1
	Old Age.	**Vejez.**									
154	Senile Debility	Debilidad senil					1	4			5
	Affections Produced by External Causes.	**Afecciones producidas por causas externas.**									
164	Fractures	Fracturas					2				2
172	Accidental Submersion	Submersión accidental					1				1
	Unknown							1			1
		TOTAL				1	59	29			89

BURIALS, FEBRUARY, 1902.

CEMETERIES.	No.
Loma [Government]	248
Paco General [Government]	27
Santa Cruz	
Balic-balic	116
Binondo	13
Tondo	233
Maytubig	47
Malate	34
Pandacan	30
Chinese	43
Crematory	6
Santa Ana	26
American National Cemetery	
San Pedro Macati	3
TOTAL	826

31 of above were still-births and 89 transient residents.

COMPARATIVE MORTALITY FROM FEBRUARY 1, 1901, TO FEBRUARY 28, 1902.

MONTH.	1900		1901		1902	
	No. Deaths	Annual Death rate per 1000.	No. Deaths	Annual Death rate per 1000.	No. Deaths	Annual Death rate per 1000.
January	1055	50.65	753	36.12	760	30.46
February	884	47.08	689	36.69	706	30.81

DISINTERMENTS, FEBRUARY, 1902.

Paco Cemetery	4
Chinese Cemetery (for removal to China)	3
Loma	1
Malate	1
TOTAL	9

CREMATORIES.

FEBRUARY, 1902.	Cart loads of refuse consumed.	Carcasses of native horses consumed.	Carcasses of American horses consumed	Carcasses of mules consumed.	Carcasses of carabaos consumed.	Carcasses of cows consumed.	Carcasses of dogs consumed.	Carcasses of fowls consumed.	Carcasses of cats consumed.	Carcasses of rats consumed.	Carcasses of pigs consumed.	Carcasses of snakes consumed.
Paco	967	66	48	36	3	1	11	66		11	1	4
Santa Cruz	678	88	1	7	41	36	2	173				
TOTAL	1645	154	49	43	44	37	13	239		11	1	4

Number of loads of garbage dumped in suburbs 5,475
Number of loads of garbage dumped at sea 1,917

VETERINARY DIVISION.

WILLIAM W. RICHARDS, V. S. — City Veterinarian.
JOHN G. SLEE, D. V. S. — Asst. City Veterinarian.

On arrival in City.	Number of cattle inspected	1,828
	Number of hogs inspected	4,058
	Number of carabaos inspected	35
	Number of sheep inspected	5
	Number of goats inspected	17
	Number of horses inspected	432
	Number of other animals inspected	4
In Government Slaughterhouse	Number of cattle slaughtered	1,624
	Number of hogs slaughtered	4,607
	Number of sheep slaughtered	1
	Number of cattle condemned and cremated	3
	Number of hogs condemned and cremated	15
Number of horses condemned for glanders		7

Report of Prescriptions Filled at the Municipal Dispensary, Showing Districts, Sex and Age of Persons to Whom Medicines have been Given During the Month.

DISTRICTS	AMERICAN				FOREIGNER				FILIPINO				CHINESE				TOTAL
	Adult		Children		Adult		Children		Adult		Children		Adult		Children		
	M.	F.	Boy	Girl	M.	F.	Boy	Girl	M.	F.	Boy	Girl	M.	F.	Boy	Girl	
Walled City									6	6	2	1					15
Concepcion										5		1					6
San Miguel									1	2							3
Ermita									7	9		3					19
Malate										1		3					4
Paco									19	23	3	9					54
Santa Ana										1		3					4
Sampaloc									42	44	7	16					109
Pandacan									2	2	1	3					8
Quiapo									15	6	2	4					27
Santa Cruz									17	28	1	2					48
Binondo									17	8	4						29
San Nicolas									40	17	4	4					65
Tondo									5	13	1						19
TOTAL									171	165	25	49					410

Report on Vaccination, City of Manila during the Month of February, 1902.

	Walled City			BINONDO.			SAN NICOLAS			TONDO.			SANTA CRUZ			QUIAPO.			SAMPALOC.			PACO.			ERMITA			MALATE.			TOTAL.
	Filipinos.	Chinese.	Amer. and Foreigners.	Filipinos.	Chinese.	Amer and Foreigners.	Filipinos.	Chinese.	Amer. and Foreigners.	Filipinos.	Chinese.	Amer. and Foreigners.	Filipinos.	Chinese.	Amer. and Foreigners.	Filipinos.	Chinese.	Amer. and Foreigners.	Filipinos.	Chinese	Amer. and Foreigners.	Filipinos.	Chinese.	Amer. and Foreigners.	Filipinos.	Chinese.	Amer. and Foreigners.	Filipinos.	Chinese.	Amer. and Foreigners.	
Children	228			171			182			344			268									170		2							1665
Adult	361	37	1	195	695		332	636		437	424	2	295	29								620	52	1							4123
Total	589	37	1	366	695		514	636		781	424	2	563	29								1090	52	3							5788
GRAND TOTAL	627			1061			1150			1207			592									1151									5788

RECAPITULATION.

Filipinos	3909
Chinese	1873
Americans and Foreigners	6
Total	5788

Report of Inoculations with Shiga Antipestic Vaccine in the City of Manila from January 12th to February 28th, 1902, by Dr. J. V. Tormey, Medical Inspector.

	FILIPINOS			CHINESE			FOREIGNERS	TOTAL
	Male	Female	Children und. 14 y.	Male	Female	Children und. 14 y.		
Inoculations	2813	1424	716	2327	20	113	27	7440
Reinoculations	203	385	132	737	8	69	1	1535
TOTAL	3016	1809	848	3064	28	182	28	8975

VACCINE INSTITUTE.

SATURNINO ESPEJO, DIRECTOR.

Vaccine virus issued during month ending February 28, 1902.

Army	10385
Navy	8500
Inhabitants of the Archipelago (excluding Manila)	122175
Amount of vaccine virus sold to the public	620
Amount of vaccine virus used by public vaccinator	5788
TOTAL	147468

Report of Vaccinations among Natives in the Provinces of Batangas, Tayabas and Laguna under the Direction of Major Wm. Stephenson, Chief Surgeon, 3rd Separate Brigade, Department of North Philippines, for February, 1902.

TOWN	PROVINCE	No. vaccinated	TOWN	PROVINCE	No. vaccinated
Ambulan	Batangas	3162	Nagcarlang	Laguna	9846
Balayan	"	15451	Nasugbu	Batangas	2630
Batangas	"	25000	Paete	Laguna	6150
Bauang	"	15805	Pila	"	6798
Bay	Laguna	3105	San Juan de Bocboc	Batangas	5520
Binan	"	25798	San Jose	"	16945
Calamba	"	4433	San Pablo	Laguna	18000
Cavinti	"	3775	Santa Cruz	"	12190
Ibaan	Batangas	7494	Santo Tomas	Batangas	9681
Lipa	"	10968	Siniloan	Laguna	6781
Loboo	"	1609	Tanauan	Batangas	7941
Los Banos	Laguna	2466	Taal	"	17837
Magdalena	"	2237	Tiaon	Tayabas	7281
Majayjay	"	3211			
			TOTAL		252164

Report of Bureau of Government Laboratories. (Biological Department).

		No.	Pos.	Neg.
Smears for Gonorrhea		264	88	176
Blood counts		7		
Leucocytosis	4			
Blood for Malaria		21		21
Faeces		45		
Ameba Dysenteriea	18			
Manads	8			
Strongyloides intestinalis	4			
Ova of trichocephalus dispar	2			
Blood for Widal reaction		7	4	3
Sputum for tuberculosis		26	10	16

Rats Examined for Bacillus Pestis.

Bubonicae	9834
Bacillus found in	13
Percentage	.0132

Plague vaccine prepared ..... 4684 doses.

Report of Sick and Wounded City Poor Attended by Municipal Physicians During the Month of February, 1902.

		Sex		Children and Young		Nationality								Total	Cured		Death		Number of visits
						Filipinos		Chinese		Foreigners		Americans							
		M.	F.	Boys	Girls	M.	F.	M.	F.	M.	F.	M.	F.		M.	F.	M.	F.	
R. Perramon	Walled City	20	30	3	6	14	24	2		1				50	2	8	2		121
	Concepcion	2	1	2	1									3			1		18
	San Miguel	2	2	1	1	1	1							4	1	1		1	14
C. Mora	Paco	13	20	3	3	10	17							33	5	17	4	3	116
	Ermita	6	8	2		4	8							14	5	7	1		42
	Malate	5	8			5	8							13	3	5	1	3	43
	Santa Ana		2		1		1							2		1		1	4
C. Reyes	Quiapo	7	4		1	6	3					1		11	4	3	1	1	57
	Santa Cruz	11	13	1	1	9	12	1						24	5	7		1	127
F Castañeda	Sampaloc	31	41	5	4	26	37							72	13	25	6	2	160
	Pandacan	3	4		2	3	2							7	3	1		2	14
S. V. del Rosario	—Binondo	11	9	3	2	8	7							20	4	3	3	1	54
V. Pantoja	—Tondo	8	15	1	2	7	13							23	5	7	3	5	50
V. Cavanna	—San Nicolas	20	23	3	4	17	19							43	9	11	1	5	185
Total		119	180	24	28	110	152	3		1		1		319	59	96	23	25	905

INFECTIOUS DISEASES REPORTED DURING MONTH OF FEBRUARY, 1902, BY DISTRICTS.

	Walled City.	Binondo.	San Nicolas.	Tondo.	Santa Cruz.	Quiapo.	Sampaloc.	San Miguel.	Paco.	Ermita.	Malate.	Pandacan.	Total.
Typhoid Fever	1												1
Small-Pox	1			2	1								4
Measles	2	2					1						5
Leprosy					1								1
Tuberculosis of Lungs	1				2								3
Total	5	2		2	4		1						14

REPORTS RECEIVED OF LEPERS LIVING IN THE VARIOUS PROVINCES OF THE PHILIPPINE ISLANDS, TO FEBRUARY 28, 1902.

Province.	No. of Men.	No. of Women.	Children and Young.		Single.		Married.		Wid.		Race.	Total.
			M.	F.	M.	F.	M.	F.	Ower.	Ow.		
Antique	66	33	1		29	25	31	4	6	4	Filipinos.	100
Batangas	11	3			6	2	2	1	3		"	14
Bataan	10	4	1	1	5		3	2	2	2	"	16
Benguet	31	10	1	1	1		21	10	9		Igorrote	43
Camarines	33	17	1	1	24	12	8	5	1		Filipinos.	52
Bulacan	17	9	2	1	12	6	5	3			"	29
Ilocos Norte	45	28	5	2	9	10	31	8	5	10	"	80
Ilocos Sur	176	84	4	2	101	50	66	17	14	12	"	266
Leyte	32	20	1	3	16	13	14	4	2	3	"	56
Masbate	51	35	25	10	22	15	23	19	2	5	"	121
Cagayan	44	29		2	20	10	18	18	6	1	"	75
Lepanto	14	4	1		5	1	8		1	3	"	19
Cavite	17	5		3	16	3	1			2	"	25
Nueva Ecija	44	24			19	12	22	8	2	5	"	68
Negros Occidental	26	11	5	1	17	10	8	1	1		"	43
Pampanga	8	5	2		3	1	5	3	1		"	15
Pangasinan	115	78		2	36	26	60	38	19	14	"	195
Rizal	35	20	2		15	10	20	5	2	3	"	57
Marinduque	1	1	1			1	1				"	3
Laguna	1						1				"	1
San Lazaro	112	60	2	2	83	36	27	20	2	4	"	176
Tarlac	27	24	11	4	7	9	17	11	2	5	"	66
Sorsogon	75	33	1	1	33	17	40	10	3	5	"	110
Romblon	4	10			2	6	2	3	1		"	14
Samar	39	32	13	8	17	9	21	18	3	3	"	92
Union	43	28	3		15	14	24	12	4	2	"	74
Zambales	58	35	2		30	15	26	13	4	5	"	95
Mindanao	131	71	3	3	78	45	42	18	9	10	Moros	208
Cebú	125	74	2	2	108	59	17	14	1		Filipinos.	203
Iloilo	231	66	11	2	113	37	94	9	24	20	"	310
Negros Oriental	66	42	6	2	27	23	32	14	7	5	"	116
Isabela de Luzon	18	4	1		3	1	10	3	5		"	23
Tayabas	1								1		"	1
Albay	37	18	1	1	15	8	15	7	7	3	"	57
Nueva Vizcaya	8	8	2		3		3	5	2	3	"	18
Total	1752	925	110	54	890	486	717	303	151	129		2841

Report of Houses Inspected and Repairs Ordered

Under the Direction of Mr. H. D. Osgood, Assistant Sanitary Engineer, Board of Health, for February, 1902.

Houses inspected	340
Houses ordered to make repairs	108
Houses on which repairs were started	88
Houses on which repairs were completed	32
Houses condemned by the Municipal Board, by request of the Board of Health	157
Houses destroyed	17

General Inspection of Houses, Premises, Vaults, etc., with Improvements Ordered, Disinfected, Whitewashed, Cleaned, etc., By Medical Inspectors, Chief Sanitary Inspectors, and Sanitary Inspectors, for the Month of February, 1902.

Houses inspected by the Chief Sanitary Inspectors	11070
Houses reinspected for verification of work ordered	2751
Houses inspected by Sanitary Inspectors	72636
Houses reinspected by Sanitary Inspectors	8557
Houses ordered cleaned	13829
Houses cleaned	9171
Houses ordered whitewashed and painted	2280
Houses whitewashed and painted	845
Houses disinfected	711
Houses in which traps are set	41314
Houses in which bane is placed	43760
No. of houses where garbage has not been removed for 2 days	79
No. of persons reported sick to Municipal Physician	82
Cesspools and vaults ordered cleaned	1121
Cesspools cleaned	553
Yards ordered cleaned	4592
Yards cleaned	1830
Yards ordered repaired (repaved, etc.)	465
Yards repaired	313
Licenses inspected	70
Licenses approved	65
Licenses disapproved	5
Loads of night soil removed	136
Gallons of night soil removed	70000
Houses cleaned by laborers	750
Cartloads of dirt removed from houses	300

February, 1902.

Report of Inspections of Nipa Houses, Pursuant to Ordinance No. 12 of the Municipal Board of the City of Manila, by Capt. Fred. M. Barney, Medical Inspector.

1	Houses where bamboo or wooden floors were ordered raised one metre above the ground;	126	
2	Houses where the side walls and all other obstructions were ordered removed from under the floor;	619	
3	Houses recommended to be removed on account of proximity to other buildings, or on account of insanitary or dilapidated condition;	82	
4	Total Number nipa houses inspected during the month;		777

A.—Number of water closets found in inspected nipa houses: 5

B.—Number of garbage cans in use in inspected nipa houses: 1

METEOROLOGICAL OBSERVATIONS

DEDUCED FROM HOURLY OBSERVATIONS

FOR MONTH OF FEBRUARY, TAKEN FROM "OBSERVATORIO CENTRAL DE MANILA."

Date	Barometer (*)		Temperature						Relative humidity	Wind						Sunshine		Rainfall	
	Mean		Mean		Maximum		Minimum			Prevailing direction	Total daily motion		Maximum Force		Direction				
Feb.	Inches	mm.	C.	F.	C.	F.	C.	F.	Mean		Km.	Miles	Km.	Miles		H.	m.	Inches	mm.
1	29.921	759.98	26.2	79.2	31.1	88.0	19.6	67.2	79.7	WSW.	139	86	15	9	NW.	10	25		
2	29.952	60.79	26.6	79.9	30.8	87.5	21.4	70.6	78.1	NE., WSW.	130	81	13	8	SE.	8	35		
3	30.034	62.84	26.5	79.7	31.9	89.4	21.0	69.8	75.3	NE.	84	52	11	7	NE.	6	30		
4	30.067	63.67	26.1	79.0	30.7	87.2	21.7	71.1	69.9	WSW.	128	80	12	7	ENE.	8	20		
5	30.074	63.88	24 9	76.8	28.6	83.5	21.0	69.8	73.8	E., WSW.	98	61	10	6	WSW.	2	40		
6	30.084	64.13	24.1	75.4	28.9	84.0	18.7	65.7	75.6	NNE.	82	51	9	6	WNW.	4	10		
7	30.064	63.61	24.3	75.7	27.7	81.9	20.2	68.4	78.1	NE., ESE.	108	67	12	7	W.	4	30	0.004	0.1
8	30.044	63.09	24.2	75.6	27.6	81.6	20.3	68.5	73.3	ESE.	132	82	16	10	E.	1	20		
9	30.056	63.39	23.5	74.3	27.3	81.1	19.1	66.4	74.5	ESE.	84	52	8	5	WSW.	2	50		
10	30.081	64.06	24.4	75.9	29.5	85.1	19.7	67.4	69.4	E.	122	76	14	9	W.	6	45		
11	30.110	64.77	24.0	75.2	27.8	82.0	17.2	63.0	75.0	W.	92	57	12	7	E.	3	00		
12	30.082	64.09	24.7	76.5	27 9	82.3	21.6	70.8	76.0	NNE., ENE.	98	61	10	6	N.	2	05		
13	30.081	64.04	23.7	74.7	27.7	81.9	20.3	68.5	80.5	ENE.	134	83	14	9	E. by S.	2	55	0.012	0.3
14	30.110	64.79	24.1	75.4	27.2	81.0	20.8	69.4	72.7	E.	206	128	30	19	E. by N.	2	50	0.024	0.6
15	30.143	65.62	23.5	74.3	27.3	81.1	19.9	67.8	65.4	E.	311	193	33	21	E. by N.	5	30		
16	30.127	65.21	22.5	72.5	28.5	83.3	15.9	60.7	69.1	NE.	122	76	14	9	NE.	6	30		
17	30.103	64.60	23.2	73.8	29.1	84.3	16.8	62.3	70.5	N., NE.	136	85	16	10	NE.	7	05		
18	30.065	63.63	23.5	74.3	29.6	85.2	17.1	62.7	69.5	N.	160	99	12	7	NNE.	6	45		
19	30.050	63.24	23.3	73.9	28.4	83.2	16.7	62.1	68.5	SW., WSW.	133	83	18	11	WSW.	8	10		
20	30.038	62.96	23.0	73.4	29.2	84.5	15.8	60.5	66.8	SW.	171	106	16	10	SW.	8	45		
21	30.077	63.94	22.9	73.2	28.6	83.4	16.6	61.8	62.2	NE	170	106	17	11	NE.	6	00		
22	30.130	65.30	22.9	73.2	28.4	83.1	17.8	64.0	66.6	ENE.	227	141	27	17	ENE.	5	50		
23	30.136	65.45	22.5	72.5	28.6	83.4	16.6	61.8	61.9	ENE.	250	155	22	14	E.	9	00		
24	30.055	63.37	22.4	72.3	26.8	80.2	16.8	62.3	72.3	variable	206	128	16	10	NNW.	4	35		
25	30.006	62.16	23.2	73.8	28.8	83.9	18.1	64.6	71.8	ESE.	176	109	18	11	ESE.	7	30		
26	29.997	61.91	23.4	74.1	28.5	83.3	19.1	66.3	71.8	WSW.	151	94	14	9	W.	6	20		
27	29.973	61.31	23.9	75.0	28.3	82.9	15.7	60.3	74.1	W.	141	88	14	9	WSW.	7	20		
28	29.932	60.26	25.2	77.4	28.8	83.9	21.0	69.8	81.5	variable	112	70	10	6	WSW.	2	05		
Mean	30.057	763.43	24.0	75 2	28.7	83.6	18.8	65.8	72.3		146.5	91.1	15.5	9.6		5	39		
Total	------	------	------	------	------	------	------	------	------	------	4103	2560	------	------	------	158	20	0.040	1.0

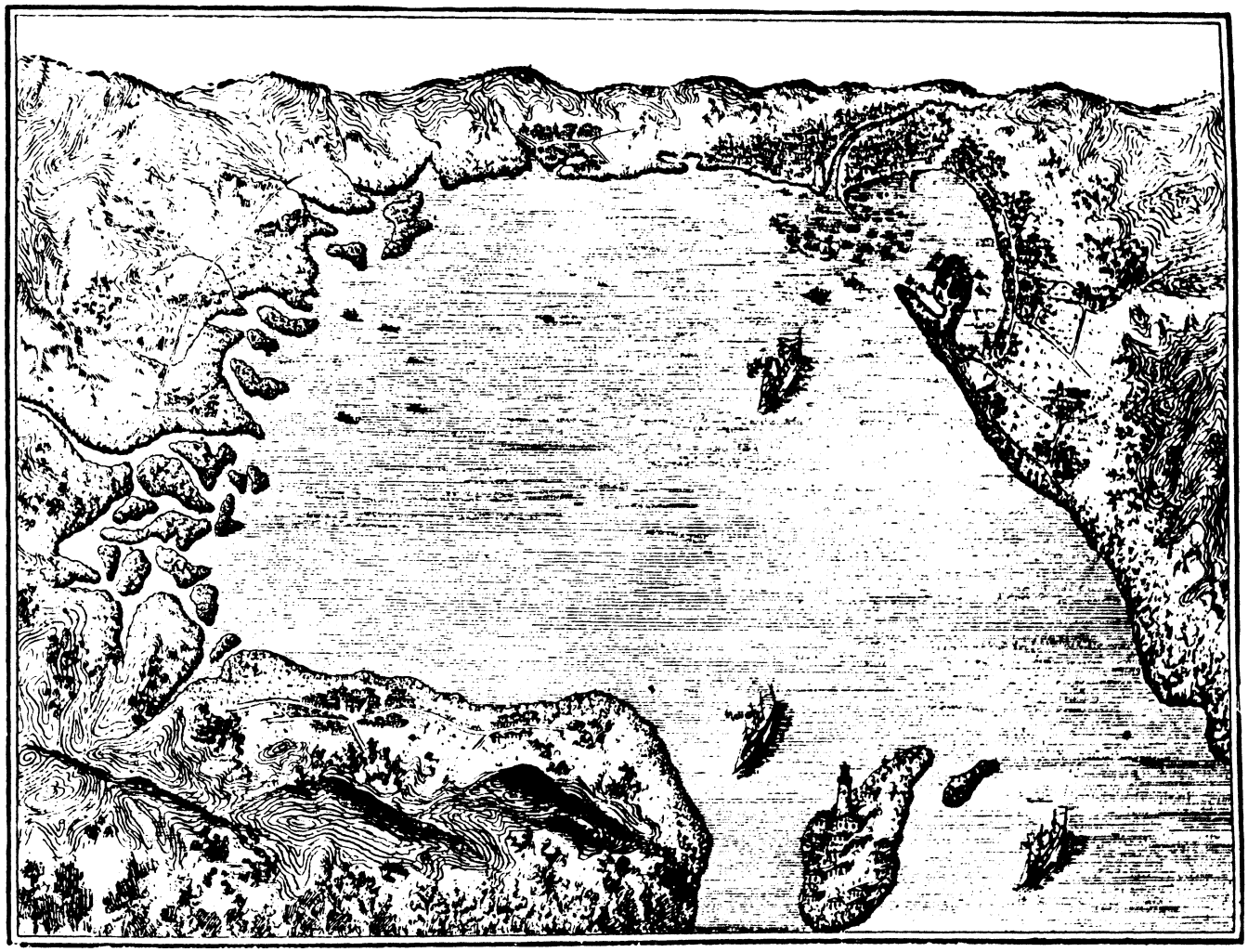
(*) Corrected for instrumental error and for temperature, and reduced to sea-level. Correction to standard gravity, −1.72 mm. (−0.068 inch).

MONTHLY REPORT OF THE

Board of Health for the Philippine Islands

AND CITY OF MANILA.

To the Honorable DEAN C. WORCESTER, Secretary of the Interior.



BAY OF MANILA—showing the city, Cavite and Cavite Bay. On left of Manila will be noted Parañaque, Las Piñas, Bacoor, Cavite Viejo, San Francisco de Malabon and Imus; on the right, Bacolor and Balanga; at the entrance of bay, Corregidor and Caballo Islands.

...BOARD OF HEALTH...

Major L. M. MAUS, M. D., U. S. Army, Commissioner of Public Health.

FRANKLIN A. MEACHAM, M. D.
Chief Health Inspector.

P. C. FREER, M. D., Ph. D.
Superintendent of Government Laboratories.

C. M. MEAD, B. S.
Sanitary Engineer.

MANUEL GOMEZ MARTINEZ, M. D.
Secretary.

MARCH, 1902.

15164

Office of the Board of Health for the Philippine Islands and City of Manila.

MANILA, P. I., April 15th, 1902.

To the

Honorable Secretary of the Interior,

Manila, P. I.

SIR:—

I have the honor to submit herewith the report of the Board of Health for the Philippine Islands and City of Manila for the month of March, 1902.

Mortality During the Month, with Death and Birth Rates.—Seven hundred and seventy deaths occurred among the permanent residents of the City of Manila, and 73 among the transients. Sixty-one cases of the 770 resulted from Asiatic cholera. The deaths were divided as follows: Filipinos 710, Chinese 42, Americans 4, Europeans and other 14. The annual death rate amounted to 30.02%, and was divided among the various nationalities as follows: Filipinos 37.36, Chinese 8.15, Americans 7.21, Europeans and others 25.51. Three hundred and thirty-two births occurred during the month, 327 of which occurred among the Filipinos, 1 among the Americans, and 4 among the Europeans and others. The deaths during the month resulted principally from the following prominent causes: Convulsions of children 195, dysentery and diarrhoea 89, tuberculosis 77, Asiatic cholera 61, bronchitis 53, eclampsia 42, meningitis 28, beri-beri 24, senile debility 20, tetanus 18, intermittent fever 14, all others 159. Deaths among the transients have not been included in this summary.

Asiatic Cholera.—At 2.30 p. m., March 20th, the Board of Health was advised by the San Juan de Dios Hospital authorities that two cases resembling Asiatic cholera had been sent to that hospital for treatment. Inasmuch as this disease was epidemic in Canton and Hongkong at the time, and there was a constant and considerable commerce between the latter port and Manila, the invasion of cholera was not unexpected, although a quarantine had been placed on all vessels entering the Bay of Manila from Chinese ports. Dr. Manuel Gomez, Secretary of the Board, was directed to visit the hospital at once, for the purpose of investigating the report, and returned within half an hour with the statement that the cases appeared to be genuine. In company with Maj. F. A. Meacham, Chief Health Inspector, and Prof. Paul C. Freer, Superintendent of Government Laboratories, I visited the hospital, for the purpose of verifying previous reports, and found two natives, one a resident of the Intramuros, the other of San Nicolas, ill with a disease which appeared to be Asiatic cholera. Dr. R. P. Strong, Director of the Biological Laboratory, was requested to visit the hospital with as little delay as possible, for the purpose of making bacteriological investigations. The presence of the Comma bacillus was observed in the hanging drop slides which were made shortly afterwards. Later, the cultures verified the diagnosis. During that night two other cases were reported in the Farola District, both of which died within four hours after attack, and before the investigations of Dr. Strong were completed, ten or a dozen more typical cases occurred, which clinically placed the diagnosis beyond doubt.

Maj. Meacham, who had spent the month of February in Hongkong and Canton, returned to Manila on the 5th of March and reported that cholera was very prevalent in Canton, although its extent was unknown, for the reason that no health board existed there, and that death records were secured only by visiting the undertakers' establishments and counting the coffins sold daily. He also reported that cholera existed in Hongkong at the time of his departure, although very little was said about it, probably for the reason that commerce would suffer were the conditions generally known.

On March 3rd, Capt. J. C. Perry, Marine Hospital Service, Chief Quarantine Officer of this port, cabled Hongkong, to prevent the further introduction of vegetables from that port, and at the same time imposed a five days' detention at Mariveles on all ships arriving from there. It is believed that in spite of these orders, infected vegetables were shipped later and smuggled into Manila, or were thrown overboard into the bay and washed ashore, whence they were eaten by the natives.

The Farola barrio, which lies at the extreme western border of San Nicolas District, and along the Pasig River to the Manila Light, was the point where the infection was first located. Several of the natives informed the Board of Health that cabbage and other green vegetables were picked up on the shore and used for food. It is more than probable that the infection entered the city in this way. From the 20th to the 31st of the month, the following cases occurred: 20th, 4; 21st, 6; 22nd, 4; 23rd, 8; 24th, 14; 25th, 15; 26th, 12; 27th, 11; 28th, 6; 29th, 5; 30th, 11; 31st, 6; which were divided among the residents as follows: Filipinos 94, Chinese 6, Americans 1 and Europeans and others 1.

Measures Adopted For Suppressing Cholera in Manila.—The city was divided into twelve districts for purposes of inspection, and over each was placed a medical officer, with a corps of sanitary inspectors varying from 30 to 60. House-to-house inspections were made both day and night, in order to prevent cases from escaping the notice of the Board. This became necessary, in order to detect cases which were invariably hidden by the natives, presumably to prevent being sent to the cholera hospital and detention camp. A request was made of the Division Commander for the detail of medical officers, and from time to time, such as could be spared by the Chief Surgeon were ordered to report to the Commissioner of Public Health. As many as 31, including those already detailed as medical inspectors, were ordered to report for duty with the Board, and were assigned to duties of District Medical Inspectors, quarantine officers in the bay, rivers and esteros, and in charge of cholera hospitals and detention camps. As many as 6 or 8 were ordered to the provinces, especially for work in pueblos in which the disease had broken out. Each District Medical Inspector was supplied with

a disinfecting pump, disinfectants and a corps of men versed in that special work. Each house in which a case of cholera occurred, was thoroughly disinfected after the case and contacts had been removed, and closed for occupancy for five days.

The following additional measures were taken: 1st—All wells throughout the city were closed, and distilled water distributed for drinking purposes; 2nd—Prohibition of the following fruits and vegetables, which could be eaten raw: Pineapples, pears, chicos, watermelons, muskmelons, apples, radishes, lettuce, cabbage, celery, egg-plant, tomatoes, peppers, cucumbers, green onions, turnips, water-cresses and sugar cane, and a strict inspection made of all shops and markets in the city. The following fruits and vegetables were allowed for sale: Oranges, lemons, mangoes, potatoes other tubers, and dry onions; 3rd—All hotels, boarding-houses, lodging-houses, saloons, etc; were prohibited from using for drinking purposes water that had not been boiled or distilled; well-known mineral waters and aerated waters made of distilled water were allowed; 4th—A rigorous quarantine was placed around the City of Manila, to prevent the escape of those who were infected to neighboring towns on the bay; 5th—All cascoes, lorchas, barges, launches and other shipping, were required to move out of the Pasig River and esteros after 5 p. m. and remain in the bay during the night, where they were thoroughly inspected before allowed to return to their wharves or moorings. This measure became neccessary for the reason that a large number of cases of cholera occurred on such shipping without being reported to the Board of Health and were disposed of in a number of cases by being thrown overboard during the night, in order to prevent detection.

The Mariquina River, from which the city water is obtained, was thoroughly guarded by civil inspectors of the Board of Health and also by a patrol of cavalry. The pueblos of Malabon, San Mateo, Mariquina, are located on this stream above the intake, and hence, in guarding the supply, to prevent infection, the most rigid inspection of these towns was necessary. Later on, at the request of the Board of Health, the Military Commander ordered a battalion of infantry to line the river on both sides from the intake to Malabon, and so far no case of cholera has appeared in that valley.

Detention Camp and Cholera Hospital.—A detention camp had been built on the grounds at San Lazaro during the past Winter for the detention of contacts of bubonic plague, but owing to the disappearance of that disease, had not been used. This camp was capable of holding 2,500 people, and was provided with kitchens, water-closets and other conveniences. The cholera hospital was located on the other side of the San Lazaro Hospital, in the campus, and consisted of hospital tents. The cholera hospital was thoroughly equipped with medical officers, nurses, etc., and during its existence there cared for 172 cases in all before it was removed to Santa Mesa, which was done for the reason that the grounds had become more or less infected. The treatment at the hospital consisted of administration of enemata containing 1-1000 per cent. of benzozone, internally in capsules, hypodermics of strychnia, and the application of hot-water bottles and general remedies to meet symptoms as they occurred. Benzozone, a new drug discovered by Profs. Freer and Novy, promises excellent results in the treatment of this dreaded disease. As a rule, the dead were cremated, except in a few instances, where they were buried in hermetically sealed caskets in chloride of lime.

Employment Bureau.—An employment bureau was established by the Board, under the supervision of Medical Inspector Meyer Herman, and during the first two or three weeks of the existence of the epidemic over 1500 men presented themselves and were given employment as sanitary inspectors. Subsequently it was found that a large number of these men had been dishonorably discharged from the service, as volunteers or regulars, and were mentally and morally unfit for the important charges over which they were placed. It became necessary to discharge large numbers of these men, and up to the date of this report, at least 300 had been discharged for cause.

Cholera in the Provinces.—In spite of the great precautions taken by quarantine to guard against the escape of persons affected with the disease into the neighboring provinces, persons escaped in bancas during the night to the following towns where this infection was started, viz: Balanga in Bataan, Hagonoy and Malolos in Bulacan, and Navotas in Rizal. The U. S. Transport "Castellanos" carried the infection to Nueva Caceres, and from this source the infection was transmitted to a large number of pueblos in that section.

As a rule the disease has occurred among the lowest social stratum in the city, and it is believed to be principally due to food infection. The water of the city so far remains uninfected. Boiled water is used almost universally by the inhabitants of the city.

During the first two or three weeks of the epidemic there was a general disposition on the part of the population to conceal every case of cholera which occurred, and also a disposition to deny the existence of cholera. It was generally suggested to the natives that the disease was colic, resulting from the use of green rice, and that the Americans resorted to these extreme measures unnecessarily, and probably for purposes of revenge.

Whether it was because the natives did not believe that cholera existed in the city, or were afraid of the measures taken by the Board of Health to stamp out the infection, it was found impossible to secure their co-operation in regard to reporting cases. They resorted to every measure to conceal such cases by taking them off during the night into the rice fields or driving them out of their houses on to the streets and disposing of the dead by throwing them into the Pasig River, esteros, or burying them under wood-piles or other places.

The inspection of the floating population in the bay, the Pasig River, and esteros became very difficult, as cases would occur from time to time on such shipping, and in no instance was a case from these sources ever reported. For this reason it became necesary to require that every launch, casco, lorcha, etc., be taken out of the esteros and Pasig River and held under inspection until the following morning.

Up to the present, April 15th, 275 cases of cholera have occurred in the City of Manila, with 215 deaths, distributed as follows: Filipinos 50, Chinese 17, Americans 5, all others 3.

Bubonic Plague.—But one case of plague has occurred in Manila since the beginning of the month (on March 6th), and but three since December 26th. The examination of rats, which has been carried on vigorously at the Laboratory, has indicated that the infection has practically disappeared from among them, and it is reasonable to suppose that the disease has been eradicated from the city.

Leprosy —The census started last Fall for the collection of information concerning leprosy has been continued and so far, 3063 cases have been found to exist in the archipelago. Fifty thousand dollars has been appropriated for the organization of the leprosy colony, which is to be located on the island of Kulion, in the Calamianes group. Arrangements were made

by the Board to begin the construction of one hundred houses, a large hospital, storerooms, Superintendent's building, and other necessary structures on the 1st of April, but owing to the unexpected appearance of cholera the matter has been postponed until the epidemic is over.

Pail System.—The Board of Health has taken charge of the disposition of night soil in Manila and the installation of the pail system. Eight hundred galvanized buckets with gasket covering have been ordered from Singapore and 300 already put into use. A Superintendent, Assistant Superintendent, with a number of overseers and collectors, have already been appointed, and the matter is well under way. A contract was made with Messers. W. S. Bailey & Company, of Hongkong, for the construction of 12,000 pails, at $52,000 Mex. These buckets are to be furnished from time to time, so that it is expected by the 1st of October the entire system will be in complete operation.

Rhinderpest and Surra.—Rhinderpest and surra seem to have disappeared from the archipelago for the present, as no reports have been received from Provincial Boards of Health in regard to these diseases.

Public Vaccinations.—Public vaccinations are being carried on continuously by Provincial Boards of Health and army medical officers and the disease has been held under excellent control.

Tenement Houses.—Owing to the inferior habitations occupied by a large proportion of the population, a system of tenement houses is badly needed in this city, it is hoped that arrangements can be made not only by the city authorities, but by the wealthy men of the city, to construct suitable houses capable of supplying habitations for from twenty to thirty thousand people.

Very respectfully,

L. M. MAUS,

Major and Surgeon, U. S. Army,
Commissioner of Public Health.

POPULATION OF MANILA.

Filipinos	223,900
Chinese	60,680
Foreigners	7,852
Americans	9,722
Total	302,154

DEATHS OCCURRING DURING THE MONTH OF MARCH.

Filipinos	710
Chinese	42
Foreigners	14
Americans	4
Total	770

ANNUAL DEATH RATE PER THOUSAND FOR THE MONTH.

Filipinos	37.36
Chinese	8.15
Foreigners	22.51
Americans	7.21
Average	30.02

BIRTHS REPORTED IN MARCH.

Filipinos	327
Chinese	
Foreigners	4
Americans	1
Total	332

ANNUAL BIRTH RATE PER THOUSAND FOR THE MONTH.

Filipinos	17.20
Chinese	
Foreigners	6.00
Americans	1.82
Average	12.94

Summary of Statistics of Births and Deaths.

Population, census estimated Health Department	223,900
Mortality for the month of March	770
Annual death rate per 1000 for month of March	30.03
*Births Reported	332
Annual birth rate (based on reports)	12.94

*Incomplete.

DEATHS BY AGE.

Under 30 days	86
30 days to 1 year	258
1 year to 2 years	31
2 years to 5 years	35
5 years to 10 years	23
10 years to 15 years	13
15 years to 20 years	25
20 years to 25 years	38
25 years to 30 years	52
30 years to 40 years	87
40 years to 50 years	59
50 years to 60 years	49
60 years to 70 years	38
70 years to 80 years	18
80 years to 90 years	17
90 years to 100 years	5
100 years to 110 years	1
100 years to 115 years	
Unknown	8
Total	843

Still-births 23. Of the grand total of 826 deaths, 73 were those of transients, while 706 were permanent residents of Manila.

DEATHS BY DISTRICTS.

Walled City	51
Binondo	74
San Nicolas	100
Tondo	184
Santa Cruz	129
Quiapo	33
Sampaloc	58
San Miguel	23
Paco	44
Ermita	26
Malate	23
Pandacan	18
Transient residents	73
Santa Ana	6
Unknown	1
Total	843
Post of Manila	

23 of above were still-births.

Number of deaths with medical attendance	316
Number of deaths without medical attendance	485
Number of deaths, Chinese	42
Total	843

23 of above were still-births.

Causes of Deaths for the Month of March, 1902,

(STILL-BIRTHS NOT INCLUDED.)

	Nomenclature designed for the statistics of death.	Nomenclatura para las estadisticas de defunciones.	American M.	American F.	European M.	European F.	Philippino M.	Philippino F.	Chinese M.	Chinese F.	Total
	I. GENERAL DISEASES.	**I. Enfermedades generales.**									
1	Typhoid Fever (abdominal typhus)	Fiebre tifoidea			1		2	2	1		6
2	Exanthematic typhus	Tifus exantemático									
3	Recurrent Fever	Fiebre recurrente									
4	Intermittent Fever, and Malarial Cachexia	Fiebre intermitente					4	9	1		14
4a	Malarial Cachexia	Caquexia palúdica					4				4
5	Variola	Viruelas					2				2
6	Measles	Sarampión	1								1
7	Scarlatina	Escarlatina									
8	Whooping Cough	Tos ferina									
9	Diphtheria and Croup	Difteria y Crup						1			1
9a	Diphtheria	Difteria									
10	Grippe	Gripe									
11	Miliary Fever	Fiebre miliar									
12	Asiatic Cholera	Cólera asiático			1		28	27	5		61
13	Cholera nostras	Cólera nostras									
14	Dysentery	Disentería			1		6	8	4		19
14a	Epidemic Dysentery	Disentería epidémica									
15	Plague	Peste					1				1
16	Yellow Fever	Fiebre amarilla									
17	Leprosy	Lepra									
18	Erysipelas	Erisipelas									
19	Other Epidemic Affections	Otras afecciones epidémicas					6	13	5		24
20	Purulent Infection and Septicæmia	Infección purulenta y septicemia									
21	Glanders and Farcy	Muermo y lamparones									
22	Malignant Pustule and Anthrax	Pústula maligna y antrax									
23	Rabies	Rabia									
24	Actinomycosis, Trichinosis, etc	Actinomicosis, trichinosis, etc									
25	Pellagra	Pelagra									
26	Tuberculosis of Larynx	Tuberculosis de la laringe									
27	Tuberculosis of Lungs	Tuberculosis del pulmón					35	28	12		75
28	Tuberculosis of Meninges	Tuberculosis de las meninges					2				2
29	Tuberculosis of Abdomen	Tuberculosis abdominal									
30	Pott's Disease	Mal de Pott									
31	Cold Abscess and Abscess by Congestion	Abscesos fríos y por congestión									
32	White Swellings	Tumores blancos									
33	Tuberculosis of Other Organs	Tuberculosis de otros órganos									
34	Generalized Tuberculosis	Tuberculosis generalizada					1				1
35	Scrofula	Escrófula						1			1
36	Syphilis	Sífilis									
37	Gonorrhea of the Adult	Blenorragia en los adultos									
38	Gonococcic Infections of Children	Afecciones gonocócicas en los niños									
39	Cancer and Other Malignant Tumors of the Buccal Cavity	Cáncer ú otros tumores malignos en la cavidad bucal									
40	Cancer and Other Malignant Tumors of the Stomach and Liver	Cáncer ú otros tumores malignos del estómago é hígado			1						1
41	Cancer and Other Malignant Tumors of Peritoneum, Intestines, and Rectum	Cáncer ú otros tumores malignos del peritoneo, intestinos y recto					1				1
42	Cancer and Other Malignant Tumors of the Female Genitals	Cáncer ú otros tumores malignos de los órganos genitales de la mujer									
43	Cancer and Other Malignant Tumors of the Breast	Cáncer ú otros tumores malignos de la mama									
44	Cancer and Other Malignant Tumors of the Skin	Cáncer ú otros tumores malignos de la piel									
45	Cancer and Other Malignant Tumors of Other Organs and Organs not Specified	Cáncer ú otros tumores malignos en otros órganos			1		1				2
46	Other Tumors (Tumors of the Female Genitals excepted)	Otros tumores (exceptuándose los de los órganos genitales de la mujer)									
47	Acute Articular Rheumatism	Reumatismo articular agudo					5	1			6
48	Chronic Rheumatism, and Gout	Reumatismo crónico y gota					3	1			4
49	Scurvy	Escorbuto									
50	Diabetes	Diabetes							1		1
51	Exophthalmic Goiter	Bocio exoftálmico									
52	Addison's Disease	Enfermedad broncoada de Addison									
53	Leukæmia	Leucemia						1			1
54	Anæmia, Chlorosis	Anemia, clorosis			1		1	2	2		6
55	Other General Diseases	Otras enfermedades generales									
56	Acute Alcoholism or Chronic	Alcoholismo agudo ó crónico									
57	Lead-Poisoning	Saturnismo									
58	Other Poisonings Incident to Occupations	Otras intoxicaciones profesionales crónicas									
59	Other Chronic Poisonings	Otros envenenamientos crónicos									
	II. Diseases of the nervous system and the organs of special sense.	**II. Enfermedades del Sistema Nervioso y de los órganos de los sentidos.**									
60	Encephalitis	Encefalitis					1				1
61	Simple Meningitis	Meningitis simple			1		16	11			28
61a	Epidemic Cerebro-spinal Meningitis	Meningitis cérebro-espinal epidémica									
62	Progressive Locomotor Ataxia	Ataxia locomotriz progresiva									
63	Other Diseases of the Spinal Cord	Otras enfermedades de la médula espinal									
64	Cerebral Congestion and Hemorrhage	Congestión y hemorragia cerebrales	1				1	4	1		7
65	Cerebral Softening	Reblandecimiento cerebral									
66	Paralysis Without Apparent Cause	Parálisis sin indicación de causa									
67	General Paralysis	Parálisis generales					1				1

	Nomenclature designed for the statistics of death.	Nomenclatura para las estadísticas de defunciones.	American M.	American F.	European M.	European F.	Philippino M.	Philippino F.	Chinese M.	Chinese F.	Total
	II.—Diseases of the Nervous System and the Organs of Special Sense.	**II.—Enfermedades del sistema nervioso y de los órganos de los sentidos.**									
68	Other Forms of Insanity	Otras formas de alienación mental									
69	Epilepsy	Epilepsia						1			1
70	Eclampsia (nonpuerperal)	Eclampsia (no puerperal)					23	19			42
71	Convulsions of Children	Convulsiones en los niños					121	74			195
72	Tetanus	Tétano					12	6			18
73	Chorea	Corea									
74	Other Diseases of the Nervous System	Otras enfermedades del sistema nervioso					1	4			5
75	Diseases of the Eye and its Adnexa	Enfermedades de ojos y sus anexos									
76	Diseases of the Ear	Enfermedades de los oidos									
	III. Diseases of the Circulatory System.	**III. Enfermedades del aparato circulatorio.**									
77	Pericarditis	Pericarditis									
78	Acute Endocarditis	Endocarditis aguda						1			1
79	Organic Disease of the Heart	Enfermedades orgánicas del corazón					6	2			8
80	Angina Pectoris	Angina de pecho			1		4	5	2		12
81	Affections of the Arteries (Atheroma, Aneurism, etc.)	Afecciones de las Arterias, etc					2	3			5
82	Embolus and Thrombosis	Embolia y Trombosis					1				1
83	Affections of the Veins (Varices, Hemorrhoides, Phlebitis)	Afecciones de las venas									
84	Affections of the Lymphatic System (Lymphangitis, etc.)	Afecciones del sistema linfático									
85	Hemorrhages	Hemorragias					2				2
86	Other Affections of the Circulatory System	Otras afecciones del aparato circulatorio									
	IV. Diseases of the Respiratory System.	**IV. Enfermedades del aparato respiratorio.**									
87	Diseases of the Nasal Fossæ	Enfermedades de las fosas nasales									
88	Affections of the Larynx	Afecciones de la laringe						3			3
89	Affections of the Thyroid Body	Afecciones del cuerpo tiroideo									
90	Acute Bronchitis	Bronquitis aguda					14	14			28
91	Chronic Bronchitis	Bronquitis crónica					10	12	3		25
92	Broncho-Pneumonia	Bronco-pneumonía					1	2			3
93	Pneumonia	Pneumonía						1			1
94	Pleurisy	Pleuresía						1			1
95	Pulmonary Congestion and Apoplexy	Congestion y apoplegía pulmonares					4				4
96	Gangrene of the Lungs	Gangrena del pulmón									
97	Asthma	Asma					1	1			2
98	Pulmonary Emphysema	Enfisema pulmonar									
99	Other Diseases of the Respiratory System (Phthisis excepted)	Otras enfermedades del aparato respiratorio (exceptuándose la tísis)									
	V. Diseases of Digestive System.	**V. Enfermedades del aparato digestivo.**									
100	Affections of the Mouth and its Adnexa	Afecciones de la boca y de sus anexos						1			1
101	Affections of the Pharynx	Afecciones de la faringe									
102	Affections of the Esophagus	Afecciones del esófago						1			1
103	Ulcer of the Stomach	Ulcera del estómago				1					1
104	Other Affections of the Stomach (Cancer excepted)	Otras afecciones del estómago (exceptuándose el cáncer)						1			1
105	Diarrhea and Enteritis (under 2 years)	Diarrea y enteritis (en niños menores de 2 años)			1		9	6			16
105a	Chronic Diarrhea and Enteritis	Diarrea y enteritis crónica			2		17	27	2		48
106	Diarrhea and Enteritis (2 years and over)	Diarrea y enteritis (en niños de 2 ó más años)					2	4			6
107	Intestinal Parasites	Parásitos intestinales					1				1
108	Hernias; Intestinal Obstructions	Hernias; obstrucciones intestinales									
109	Other Affections of the Intestines	Otras afecciones del intestino									
110	Acute Yellow Atrophy of the Liver	Ictericia grave									
111	Hydatid Tumors of the Liver	Tumores hidátidicos del hígado					2		1		3
112	Cirrhosis of the Liver	Cirrosis del hígado									
113	Biliary Calculi	Cálculos biliares						1	1		3
114	Other Affections of the Liver	Otras afecciones del hígado			1						
115	Affections of the Spleen	Afecciones del bazo					1	2			3
116	Simple Peritonitis (Puerperal excepted)	Peritonitis simple (exceptuándose la puerperal)									
117	Other Affections of the Digestive System (Cancer and Tuberculosis excepted)	Otras afecciones del aparato digestivo (exceptuándose el cáncer y tuberculosis)									
118	Appendicitis and Abscess of the Iliac Fossa	Apendicitis y flemón de la fosa iliaca					1				1
	VI. Diseases of the Genito-Urinary System and its Adnexa.	**VI. Enfermedades del aparato génito urinario y de sus adnexos.**									
119	Acute Nephritis	Nefritis aguda				2					2
120	Bright's Disease	Mal de Bright				1	1				2
121	Other Diseases of the Kidneys and their Adnexa	Otras enfermedades de los riñones y de sus anexos									
122	Calculi of the Urinary Tract	Cálculos de las vías urinarias				1					1
123	Diseases of the Bladder	Enfermedades de la vegiga				1					1
124	Diseases of the Urethra, Urinary Abscess, etc	Enfermedades de la uretra									
125	Diseases of the Prostate	Enfermedades de la prostata									
126	Nonvenereal Diseases of the Male Genital Organs	Enfermedades no venereas de los órganos genitales del hombre									
127	Metritis	Metritis									
128	Uterine Hemorrhage (nonpuerperal)	Hemorragia uterina (no puerperal)									
129	Tumor, Uterine (noncancerous)	Tumor uterino (no canceroso)									
130	Other Diseases of the Uterus	Otras enfermedades del útero									
131	Cysts and Other Tumors of the Ovary	Quistes y otros tumores del ovario						1			1
132	Other Diseases of the Female Genital Organs	Otras enfermedades de los órganos genitales de la mujer									
133	Nonpuerperal Diseases of the Breast (Cancer excepted)	Enfermedades no puerperales de la mama (exceptuándose el cáncer)									

	Nomenclature designed for the statistics of death.	Nomenclatura para las estadísticas de defunciones.	American M.	American F.	European M.	European F.	Philippino M.	Philippino F.	Chinese M.	Chinese F.	Total
	VII. The Puerperal State.	**VII. Estado puerperal.**									
134	Accidents of Pregnancy	Accidentes de la preñez									
135	Puerperal Hemorrhage	Hemorragia puerperal						1			1
136	Other Accidents of Labor	Otros accidentes del parto						1			1
137	Puerperal Septicæmia	Septicemia puerperal						3			3
138	Albuminuria and Puerperal Eclampsia	Albuminuria y eclampsia puerperales									
139	Puerperal Phlegmasia Alba Dolens	Flegmasia alba dolens puerperal						1			1
140	Other Puerperal Accidents-Sudden Death	Otros accidentes puerperales: Muerte repentina									
141	Puerperal Diseases of the Breast	Enfermedades puerperales de la mama									
	VIII. Diseases of the Skin and Cellular Tissue.	**VIII. Enfermedades de la piel y del tejido celular.**									
142	Gangrene	Gangrena									
143	Furuncle	Forúnculo									
144	Warm-acute Abscess	Abscesos calientes agudos									
145	Other Diseases of the Skin and its Adnexa	Otras enfermedades de la piel									
	IX. Diseases of the Organs of Locomotion.	**IX. Enfermedades de los órganos de la locomoción.**									
146	Affections of the Bones (nontuberculous)	Afecciones de los huesos (exceptuando la tuberculosis)									
147	Diseases of the Joints (Tuberculosis and Rheumatism excepted)	Afecciones de las articulaciones (exceptuando la tuberculosis y el reumatismo)									
148	Amputation	Amputación									
149	Other Affections of the Organs of Locomotion	Otras afecciones de los órganos de la locomoción									
	X. Malformations.	**X. Vicios de conformación.**									
150	Congenital Malformations (Stillbirths excepted)	Vicios de conformación congénitos (exceptuándose los de niños nacidos muertos)					1				1
	XI. Early Infancy.	**XI. Primera infancia.**									
151	Congenital Debility, Icterus and Sclerema	Debilidad congénita, ictericia y esclerema					9	2			11
152	Other Special Diseases of Early Infancy	Otras enfermedades especiales de la primera edad									
153	Lack of Care	Falta de cuidados									
	XII. Old age.	**XII. Vejez.**									
154	Senile Debility	Debilidad senil			1		7	12			20
	XIII. Affections Produced by External Causes.	**XIII. Afecciones producidas por causas exteriores.**									
155	Suicide by Poison	Suicidio por envenenamiento									
156	Suicide by Asphyxia	Suicidio por asfixia									
157	Suicide by Hanging or Strangulation	Suicidio por suspensión ó por extrangulación									
158	Suicide by Submersion	Suicidio por submersión									
159	Suicide by Firearms	Suicidio por armas de fuego	2								2
160	Suicide by Cutting Instruments	Suicidio por instrumentos cortantes									
161	Suicide by Jumping from High Place	Suicidio por dejarse caer desde un punto elevado									
162	Suicide by Crushing	Suicidio por aplastamiento									
163	Other Suicides	Otros suicidios									
164	Fractures	Fracturas									
165	Dislocations	Luxaciones					1				1
166	Other Accidental Traumatisms	Otros traumatismos accidentales						1			1
167	Burns	Quemaduras por el fuego									
168	Burning by Corrosive Substances	Quemaduras por substancias corrosivas									
169	Insolation	Insolación									
170	Freezing	Congelación									
171	Electrical Shocks	Commoción eléctrica									
172	Accidental Submersion	Submersión accidental					3		1		4
173	Inanition	Inanición					1	1			2
174	Inhalation of Deleterious Gases (Suicide excepted)	Absorción de gases deletéreos									
175	Other Acute Poisonings	Otros envenenamientos agudos									
176	Other External Violence	Otras violencias exteriores									
	XIV. Ill-defined Diseases.	**XIV. Enfermedades mal definidas.**									
177	Dropsy	Hidropesía									
178	Sudden Death	Muerte repentina									
179	Unspecified or Ill-defined Causes of Death	Causas de muerte no especificadas ó mal definidas					1	2			3
	Total		4		12	2	384	326	42		
	Grand Total		4		14		710		42		770

Number of Deaths with Causes Occurring Among Transients in Manila the Month of March. These Deaths are not Included in Preparing Death Rate of City.

			Americans.		Foreigners.		Filipinos.		Chinese.		TOTAL.
			M.	F.	M.	F.	M.	F.	M.	F.	
	I.	I.									
	General Diseases.	**Enfermedades generales.**									
1	Typhoid Fever (abdominal typhus)	Fiebre tifoidea					1				1
4	Intermittent Fever	Fiebre intermitente					3	2			5
4a	Malarial Cachexia	Caquexia palúdica					1				1
5	Variola	Viruela						1			1
12	Asiatic, cholera	Cólera asiática					3				3
14	Dysentery	Disenteria						1			1
17	Leprosy	Lepra					1				1
19	Other Epidemic Affections (Beri-beri)	Otras afecciones epidémicas (beri-beri)					15	3			18
27	Tuberculosis of Lungs	Tuberculosis de los pulmones					7				7
29	Tuberculosis of Abdomen	Tuberculosis abdominal						1			1
45	Cancer and Other Malignant Tumors of Other Organs and Organs not specified	Cancer ú otros tumores malignos en otros órganos					1				1
	II.	II.									
	Diseases of the Nervous System and the Organs of Special Sense.	**Enfermedades del sistema nervioso y de los órganos de los sentidos.**									
60	Encephalitis	Encepalitis					1				1
61	Simple Meningitis	Meningitis simple					1				1
64	Cerebral Congestion and Hemorrhage	Congestión y hemorragia cerebrales					3	1			4
71	Convulsions of Children	Convulsiones infantiles						1			1
	IV.	IV.									
	Diseases of the Respiratory System.	**Enfermedades del sistema respiratorio.**									
90	Acute Bronchitis	Bronquitis aguda					1	1			2
91	Chronic Bronchitis	Bronquitis crónica						2			2
93	Pneumonia	Pneumonía					1				1
99	Other Diseases of the Respiratory System. (Phthisis excepted)	Otras enfermedades del aparato respiratorio (exceptuando la tisis)					1				1
	V.	V.									
	Diseases of Digestive System.	**Enfermedades del aparato digestivo.**									
105	Diarrhea and Enteritis (under 2 years)	Diarrea y enteritis (menores de 2 años)					1				1
105a	Chronic Diarrhea and Enteritis	Diarrea y enteritis (crónica)					3	2			5
106	Diarrhea and Enteritis (2 years and over)	Diarrea y enteritis (2 años y más)					1				1
108	Hernias; Intestinal Obstructions	Hernias, obstrucciones intestinales					1				1
110	Acute Yellow Atrophy of the Liver	Ictericia grave						1			1
112	Cirrhosis of the Liver	Cirrosis del hígado					1	1			2
	VI.	VI.									
	Diseases of the Genito-Urinary System and its Adnexa.	**Enfermedades del aparato genito-urinario y sus anexos**									
120	Bright's Diseases	Enfermedades de Bright					1				1
128	Uterine Hemorrhage nonpuerperal	Hemorragia uterina (no puerperal)						1			1
	XI.	XI.									
	Early Infancy.	**Enfermedades de la infancia.**									
152	Other special diseases of Early Infancy	Otras enfermedades de la infancia					1	1			2
	XII.	XII.									
154	Senile Debility	Debilidad senil			1		1	1			2
	XIII.	XIII.									
	Affections Produced by External Causes.	**Afecciones producidas por causas externas.**									
166	Other Accidental Traumatisms	Otros accidentes traumáticos						1			1
172	Accidental Submersion	Submersión accidental					1				1
176	Other External Violence	Otras violencias externas					1				1
		TOTAL			1		52	20			73

BURIALS, MARCH, 1902.

CEMETERIES.	No.
Loma [Government]	236
Paco General [Government]	35
Santa Cruz	7
Balic-balic	102
Binondo	21
Tondo	240
Maytubig	35
Malate	50
Pandacan	21
Chinese	48
Crematory	55
Santa Ana	12
American National Cemetery	2
San Pedro Macati	2
TOTAL	866

23 of above were still-births and 89 transient residents.

COMPARATIVE MORTALITY FROM MARCH 1, 1901, TO MARCH 31, 1902.

MONTH.	1900		1901		1902	
	No. Deaths	Annual Death rate per 1000.	No. Deaths	Annual Death rate per 1000.	No. Deaths	Annual Death rate per 1000.
January	1055	50.65	753	36.22	760	30.46
February	884	47.08	689	36.69	706	30.81
March	887	42.62	885	42.67	770	30.02

DISINTERMENTS, MARCH, 1902.

Paco Cemetery	6
Chinese Cemetery (for removal to China)	13
Loma	1
Balic-balic	1
Santa Cruz	7
Binondo	1
TOTAL	29

CREMATORIES.

MARCH, 1902.	Cart loads of refuse consumed.	Carcasses of native horses consumed.	Carcasses of American horses consumed	Carcasses of mules consumed.	Carcasses of carabaos consumed.	Carcasses of cows consumed.	Carcasses of dogs consumed.	Carcasses of fowls consumed.	Carcasses of cats consumed.	Carcasses of rats consumed.	Carcasses of pigs consumed.	Carcasses of snakes consumed.
Paco	731	50	41	19	4	4	11	27	3	16	....	....
Santa Cruz	985	58	....	11	25	30	3	199	....	17300	8	....
TOTAL	1716	108	41	30	29	34	14	226	3	17316	8	....

Number of loads of garbage dumped in suburbs 9,017
Number of loads of garbage dumped at sea 1,680

VETERINARY DIVISION.

WILLIAM W. RICHARDS, V. S. — City Veterinarian.
JOHN G. SLEE, D. V. S. — Asst. City Veterinarian.

On arrival in City.	Number of cattle inspected	1,689
	Number of hogs inspected	4,946
	Number of carabaos inspected	89
	Number of sheep inspected	11
	Number of goats inspected	17
	Number of horses inspected	382
	Number of other animals inspected	10
In Government Slaughterhouse	Number of cattle slaughtered	1,574
	Number of hogs slaughtered	5,116
	Number of sheep slaughtered	1
	Number of cattle condemned and cremated	2
	Number of hogs condemned and cremated	17

Number of horses condemned for glanders 7

Report of Prescriptions Filled at the Municipal Dispensary, Showing Districts, Sex and Age of Persons to Whom Medicines have been Given During the Month.

DISTRICTS	AMERICAN				FOREIGNER				FILIPINO				CHINESE				TOTAL
	Adult		Children		Adult		Children		Adult		Children		Adult		Children		
	M.	F.	Boy	Girl	M.	F.	Boy	Girl	M.	F.	Boy	Girl	M.	F.	Boy	Girl	
Walled City																	20
Concepcion																	75
San Miguel																	5
Ermita																	26
Malate																	13
Paco																	67
Santa Ana																	
Sampaloc																	118
Pandacan																	17
Quiapo																	25
Santa Cruz																	103
Binondo																	24
San Nicolas																	32
Tondo																	32
TOTAL																	557

Report on Vaccination, City of Manila during the Month of March, 1902.

	Walled City			BINONDO.			SAN NICOLAS			TONDO.			SANTA CRUZ			QUIAPO.			SAMPALOC.			PACO.			ERMITA.			MALATE.			TOTAL.
	Filipinos.	Chinese.	Amer. and Foreigners.	Filipinos.	Chinese.	Amer and Foreigners.	Filipinos.	Chinese.	Amer. and Foreigners.	Filipinos.	Chinese.	Amer. and Foreigners.	Filipinos.	Chinese.	Amer. and Foreigners.	Filipinos.	Chinese.	Amer. and Foreigners.	Filipinos.	Chinese	Amer. and Foreigners.	Filipinos.	Chinese.	Amer. and Foreigners.	Filipinos.	Chinese.	Amer. and Foreigners.	Filipinos.	Chinese.	Amer. and Foreigners.	
Children	167			262			231			424			62			22			222		1	158			104			136			1789
Adult	303	112		705	277		571	72	3	465	191		220	74		24	6		195	37	4	162	23		110	45		220	60	2	3829
Total	470	112		967	277		802	72	3	887	191		282	74		46	6		417	37	5	320	23		214	45		356	60	2	5668
GRAND TOTAL	582			1244			877			1078			356			52			459			348			259			418			5668

RECAPITULATION.

Filipinos	4761
Chinese	897
Americans and Foreigners	10
Total	5668

Report of Inoculations with Shiga Antipestic Vaccine in the City of Manila during the month of March, 1902, under the direction of Dr. J. V. Tormey, Medical Inspector.

	Male Filipinos	Female Filipinos	Filipino children under 14 years	Male Chinese	Female Chinese	Chinese children	Foreignen.	Americans.	
1st Inoculation	6579	1011	687	5862	5	44	2	2	
Total									14192
2d Inoculation	385	122	73	183		10			
Total									672
Grand Total									14865

VACCINE INSTITUTE.

SATURNINO ESPEJO, DIRECTOR.

Vaccine virus issued during month ending March 28, 1902.

Army	13450
Navy	10850
Inhabitants of the Archipelago (excluding Manila)	102975
Amount of vaccine virus sold to the public	1175
Amount of vaccine virus used by public vaccinator	5668
TOTAL	134118

Report of Vaccinations among Natives in the Provinces of Batangas, Tayabas and Laguna under the Direction of Major Wm. Stephenson, Chief Surgeon, 3rd Separate Brigade, Department of North Philippines, for March, 1902.

TOWN	PROVINCE	No. vaccinated	TOWN	PROVINCE	No. vaccinated
Ambulan	Batangas	3162	Nagcarlang	Laguna	9846
Balayan	,,	15451	Nasugbu	Batangas	2630
Batangas	,,	25000	Paete	Laguna	6150
Bauang	,,	15805	Pila	,,	6798
Bay	Laguna	3105	San Juan de Bocboc	Batangas	5520
Binan	,,	25798	San Jose	,,	16945
Calamba	,,	4433	San Pablo	Laguna	18000
Cavinti	,,	3775	Santa Cruz	,,	12190
Ibaan	Batangas	7494	Santo Tomas	Batangas	9681
Lipa	,,	10968	Siniloan	Laguna	6781
Loboo	,,	1609	Tanauan	Batangas	7941
Los Banos	Laguna	2466	Taal	,,	17837
Magdalena	,,	2237	Tiaon	Tayabas	7281
Majayjay	,,	3211			
			TOTAL		252164

Report of Sick and Wounded City Poor Attended by Municipal Physicians During the Month of March, 1902.

		Sex		Children and Young		Nationality								Total	Cured		Death		Number of visits
						Filipinos		Chinese		Foreigners		Americans							
		M.	F.	Boys	Girls	M.	F.	M.	F.	M.	F.	M.	F.		M.	F.	M.	F.	
R. Perramon	Walled City	18	16	10	11			2						55	11	9	2	6	192
	Concepcion	2	4		2									8	2	1		1	31
	San Miguel	1	2	1										4		1		1	16
C. Mora	Paco	15	14	3	7									39	5	16	6	1	90
	Ermita	8	7	1	2									18	5	4	1	1	40
	Malate	10	7	3	2									22	4	4	3	3	39
	Santa Ana		1											1		1			2
C. Reyes	Quiapo	3	2	2	1									8	2	2	2		31
	Santa Cruz	16	12	6	2									36	14	10	3	1	167
F Castañeda	Sampaloc	20	34	4	6									64	8	15	4	5	151
	Pandacan	6	10	2	2									20	3	4		2	32
S. V. del Rosario	—Binondo																		
V. Pantoja	—Tondo	9	14		2									25	8	14	1	2	53
V. Cavanna	—San Nicolas	29	16	3	3									51	9	6	12	6	203
Total		137	139	35	40			2						351	71	87	34	29	1050

INFECTIOUS DISEASES REPORTED DURING MONTH OF MARCH, 1902, BY DISTRICTS.

	Walled City.	Binondo.	San Nicolas.	Tondo.	Santa Cruz.	Quiapo.	Sampaloc.	San Miguel.	Paco.	Ermita.	Malate.	Pandacan.	Total.
Typhoid Fever	1	1			1					1			4
Variola	1	1	1	1	1								5
Measles	2	2	1		4		2	1	1	1			14
Asiatic Cholera	1	6	26	20	4	3		2	1	1			64
Leprosy					1								1
Tuberculosis of Lungs									3	1			4
Total	5	10	28	21	11	3	2	3	5	4			92

REPORTS RECEIVED OF LEPERS LIVING IN THE VARIOUS PROVINCES OF THE PHILIPPINE ISLANDS, TO MARCH 31, 1902.

Province.	No. of Men.	No. of Women.	Children and Young.		Single.		Married.		Wid		Race.	Total.
			M.	F.	M.	F.	M.	F.	Ower.	Ow.		
Antique	92	37	2	2	38	28	43	4	12	5	Filipinos.	133
Batangas	19	5			12	3	3	3	3		"	24
Bataan	10	4	1	1	5		3	2	2	2	"	16
Benguet	31	10	1	1	1		21	10	9		Igorrotes.	43
Ambos Camarines	33	17	1	1	24	12	8	5	1		Filipinos.	52
Bulacan	17	9	2	1	12	6	5	3			"	29
Ilocos Norte	45	28	5	2	9	10	31	8	5	10	"	80
Ilocos Sur	176	84	4	2	101	50	66	17	14	12	"	266
Leyte	49	38	1	3	26	27	20	7	3	4	"	91
Masbate	51	35	25	10	22	15	23	19	2	5	"	121
Cagayan	46	30		3	20	10	20	19	6	1	"	79
Lepanto	14	4	1		5	1	8		1	3	"	19
Cavite	17	5		3	16	3	1			2	"	25
Nueva Ecija	44	24			19	12	22	8	2	5	"	68
Negros Occidental	26	11	5	1	17	10	8	1	1		"	43
Pampanga	8	5	2		3	1	5	3	1		"	15
Pangasinan	120	80	2	3	36	28	65	38	19	14	"	205
Rizal	41	24	2		19	12	21	7	3	3	"	67
Marinduque	1	1	1			1	1				"	3
Laguna	1						1				"	1
San Lazaro	112	60	2	2	83	36	27	20	2	4	"	176
Tarlac	27	24	11	4	7	9	17	11	2	5	"	66
Sorsogon	75	33	1	1	33	17	40	10	3	3	"	110
Romblon	5	10			3	6	2	3	1		"	15
Samar	39	32	13	8	17	9	21	18	3	3	"	92
Union	43	28	3		15	14	24	12	4	2	"	74
Zambales	58	35	2		30	15	26	13	4	5	"	95
Mindanao	140	74	3	3	84	46	45	18	9	12	Moros	220
Cebú	125	74	2	2	108	59	17	14	1		Filipinos.	203
Iloilo	231	66	11	2	113	37	94	9	24	20	"	310
Negros Oriental	66	42	6	2	27	23	32	14	7	5	"	116
Isabela de Luzon	18	4	1		3	1	10	3	5		"	23
Tayabas	1								1		"	1
Albay	68	33	1	1	30	18	27	10	11	5	"	103
Nueva Vizcaya	8	8	2		3		3	5	2	3	"	18
Abra	11	6			5	4	5	2	1		"	17
Bohol	20	24			11	13	7	10	2	1	"	44
Total	1888	1004	113	58	957	536	771	326	166	186		3063

Bureau of Government Laboratories.

LOCUST FUNGUS.

Mr. Barker B. Sherman, Division Superintendent of Schools at Leyte, reports a successful destruction of locusts by means of a culture of African fungus sent to the Governor of that Province.

Diagnostic Determinations.

	Pos.	Neg.	Total.
Sputa for tuberculosis	5	18	23
Blood for Widal's reaction	1	4	5
Smears for Gonococci	32	63	95
Faeces	.....	.....	55
Ameb. Dysenteriae	25	.....	.....
Monads	7	.....	.....
Ova of tricoceph. dispar	4	.....	.....
Ova of Uncinar. doodeuall	1	20	.....

Plague, Rats Examined for B. Pestis

Bubonicae	11,182
Bacillus found in	0

ANALYTICAL.

Urnie analyses	35
Human milk	2

Report of Houses Inspected and Repairs Ordered

Under the Direction of Mr. H. D. Osgood, Assistant Sanitary Engineer, Board of Health, for March, 1902.

Houses inspected	358
Houses ordered to make repairs	139
Houses on which repairs were started	.....
Houses on which repairs were completed	7
Houses condemned by the Municipal Board, by request of the Board of Health	.....
Houses destroyed	48

General Inspection of Houses, Premises, Vaults, etc., with Improvements Ordered, Disinfected, Whitewashed, Cleaned, etc., By Medical Inspectors, Chief Sanitary Inspectors, and Sanitary Inspectors, for the Month of March, 1902.

Houses inspected by the Chief Sanitary Inspectors	12307	Cesspools and vaults ordered cleaned	1122
Houses reinspected for verification of work ordered	3162	Cesspools cleaned	1031
Houses inspected by Sanitary Inspectors	44113	Yards ordered cleaned	937
Houses reinspected by Sanitary Inspectors	18941	Yards cleaned	896
Houses ordered cleaned	10703	Yards ordered repaired (repaved, etc.)	232
Houses cleaned	9393	Yards repaired	226
Houses ordered whitewashed and painted	3751	Licenses inspected, Traps set	81840
Houses whitewashed and painted	3658	Plates with rat bane placed	305674
Houses disinfected	3507	Licenses disapproved	.....
Houses in which traps are set	32766	Loads of night soil removed	.....
Houses in which bane is placed	47213	Gallons of night soil removed	.....
No. of houses where garbage has not been removed for 2 days	153	Houses cleaned by laborers	.....
No. of persons reported sick to Municipal Physician	703	Cartloads of dirt removed from houses	.....

Report of Inspections of Nipa Houses, Pursuant to Ordinance No. 12 of the Municipal Board of the City of Manila, by Capt. Fred. M. Barney, Medical Inspector, March, 1902.

1	Houses where bamboo or wooden floors were ordered raised one metre above the ground;	42	.....
2	Houses where the side walls and all other obstructions were ordered removed from under the floor;	761	.....
3	Houses recommended to be removed on account of proximity to other buildings, or on account of insanitary or dilapidated condition;	0	.....
4	Total Number nipa houses inspected during the month;	.....	.....

A.—Number of water closets found in inspected nipa houses: 17

B.—Number of garbage cans in use in inspected nipa houses: 0

METEOROLOGICAL DATA

DEDUCED FROM HOURLY OBSERVATIONS

FOR MONTH OF MARCH, TAKEN FROM "OBSERVATORIO CENTRAL DE MANILA."

Date	Barometer (*)		Temperature						Relative humidity	Wind						Sunshine		Rainfall	
	Mean		Mean		Maximum		Minimum			Prevailing direction	Total daily motion		Maximum Force		Maximum Direction				
March	Inches	mm.	C.	F.	C.	F.	C	F.	Mean		Km.	Miles	Km.	Miles		H.	m.	Inches	mm.
1	29.882	759.01	25.8	78.4	29.9	85.8	19.2	66.6	79.6	WSW.	136	85	12	7	NNE.	6	10		
2	29.892	59.25	26.6	79.9	30.5	86.9	21.9	71.4	78.9	WSW.	238	148	30	19	ESE.	5	30		
3	29.945	60.61	26.4	79.5	31.0	87.8	21.8	71.3	67.6	W.	226	140	18	11	ESE.	6	30		
4	29.975	61.34	25.3	77.5	30.3	86.6	19.6	67.2	68.3	ESE.	273	170	24	15	E.	7	00		
5	30.006	62.14	24.3	75.7	29.1	84.4	19.3	66.7	69.3	W.	178	111	18	11	W.	7	00		
6	30.024	62.60	24.5	76.1	30.4	86.8	17.7	63.9	68.1	E., ESE.	191	119	19	12	W.	10	00		
7	30.001	62.00	25.1	77.2	30.8	87.4	18.9	66.0	67.3	E.	284	176	34	21	E. by N.	8	50		
8	29.974	61.33	25.4	77.7	30.7	87.2	19.3	66.7	69.2	E.	244	152	24	15	ENE.	5	30		
9	29.953	60.81	25.9	78.6	32.6	90.7	18.9	66.1	70.8	SE.	288	179	26	16	SE.	10	10		
10	29.943	60.54	25.7	78.3	29.6	85.3	19.8	67.7	78.4	variable	144	89	16	10	W.	8	40	0.295	7.5
11	29.951	60.76	27.2	81.0	32.2	89.9	21.5	70.7	66.2	E.	310	193	32	20	E.	8	20		
12	29.926	60.11	27.1	80.8	31.9	89.4	23.3	74.0	72.8	ESE.	170	106	21	13	E.	2	05		
13	29.901	59.48	26.9	80.4	32.1	89.7	22.6	72.6	75.9	variable	178	111	21	13	SE.	4	10	0.004	0.1
14	29.876	58.82	26.8	80.2	33.0	91.4	20.0	68.0	71.1	SE.	322	200	34	21	SE.	10	40		
15	29.910	59.69	26.6	79.9	33.1	91.6	19.2	66.6	67.7	SE.	326	203	30	19	ESE.	10	50		
16	29.916	59.86	26.7	80.1	32.8	91.1	19.7	67.5	67.6	ESE.	325	202	36	22	E. by S.	9	40		
17	29.903	59.53	26.5	79.7	33.3	91.9	19.3	66.8	70.9	variable	290	180	24	15	SE. by E.	9	15		
18	29.898	59.39	27.1	80.8	33.5	92.3	19.9	67.9	68.5	SE.	346	215	34	21	SE.	10	50		
19	29.910	59.70	26.3	79.3	32.8	91.1	19.0	66.2	66.8	SE.	298	185	30	19	SE.	10	30		
20	29.891	59.22	27.0	80.6	34.7	94.4	19.3	66.7	71.6	variable	222	138	16	10	W.	10	20		
21	29.864	58.52	27.9	82.2	32.3	90.2	23.1	73.5	77.4	W.	235	146	25	16	SW. by W.	8	50		
22	29.884	59.06	27.7	81.9	30.5	86.9	23.2	73.7	75.3	SSW.	284	176	28	18	SW.	9	30		
23	29.896	59.35	27.8	82.0	33.2	91.8	22.6	72.7	74.2	SE.	234	145	22	14	SE.	9	40		
24	29.922	59.99	27.8	82.0	33.6	92.4	21.6	70.8	67.7	SE.	289	180	32	20	SE.	8	45		
25	29.978	61.42	27.5	81.5	33.3	91.9	21.0	69.8	69.7	SE.	214	133	24	15	SE.	4	40		
26	29.979	61.45	27.8	82.0	33.4	92.2	22.9	73.3	68.8	ESE.	264	164	30	19	SE.	9	00		
27	29.963	61.06	27.8	82.0	32.1	89.7	22.4	72.3	68.8	ESE.	184	114	18	11	WNW.	9	20		
28	29.908	59.64	27.8	82.0	33.9	93.0	22.1	71.7	65.4	ESE.	197	122	24	15	SE.	7	50		
29	29.907	59.62	27.7	81.9	32.7	90.8	21.4	70.6	61.0	ESE.	188	117	24	15	E. by S.	10	15		
30	29.906	59.61	27.0	80.6	31.9	89.5	19.7	67.5	66.7	W.	200	124	16	10	W.	9	30		
31	29.943	60.56	27.7	81.9	33.8	92.8	21.3	70.4	62.2	variable	208	129	20	12	ENE.	10	20		
Mean	29.930	760.21	26.7	80.1	32.1	89.8	20.7	69.3	70.1		241.5	150.1	24.6	15.3		8	23		
Total	------	------	------	------	------	------	------	------	------	------	**7486**	**4652**	------	------	------	259	40	0.299	7.6

(*) Corrected for instrumental error and for temperature, and reduced to sea-level. Correction to standard gravity, −1.72 mm. (−0.068 inch).

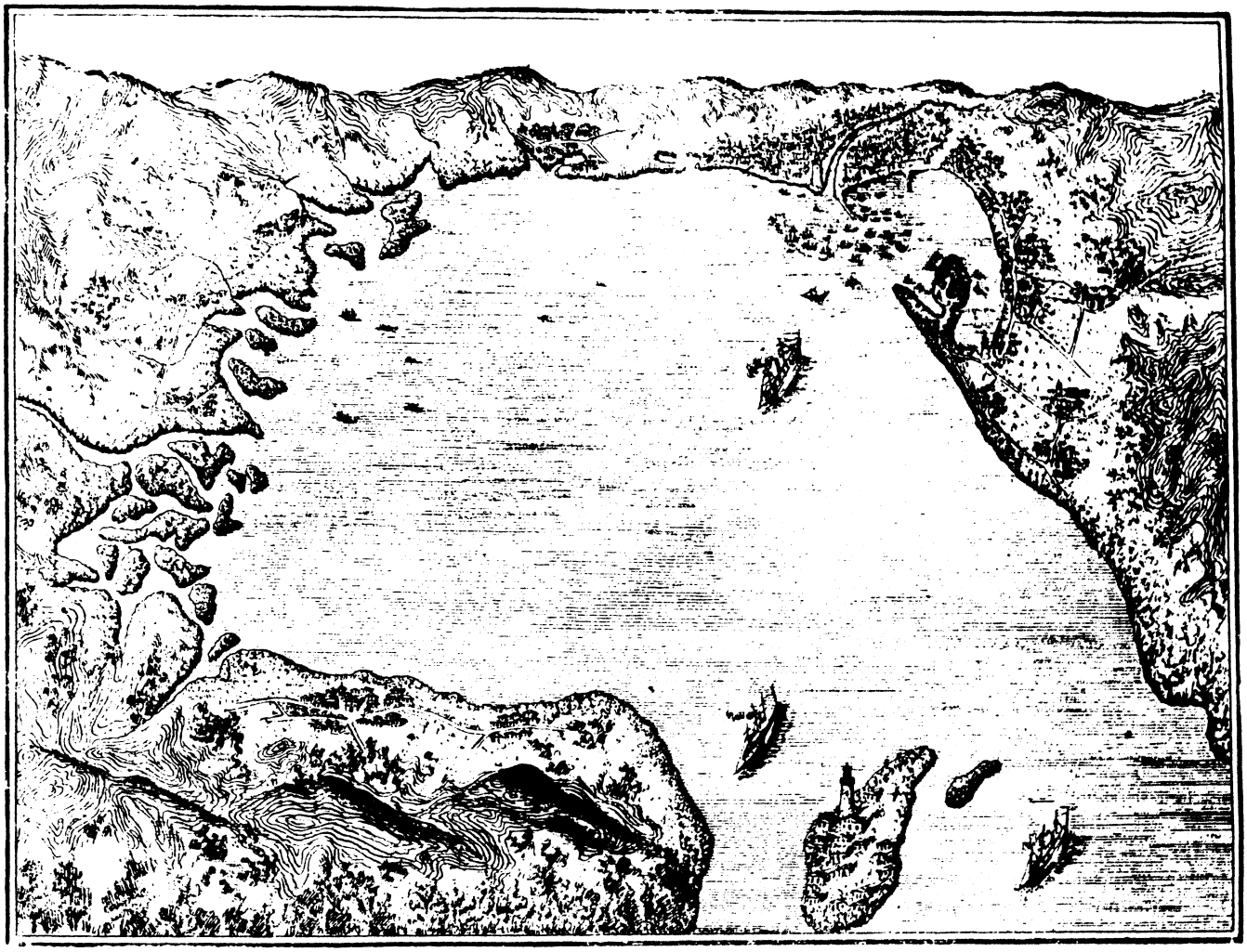
GENERAL LIBRARY,
UNIV. OF MICH.
AUG 20 1902

MONTHLY REPORT OF THE

Board of Health for the Philippine Islands

AND CITY OF MANILA.

To the Honorable DEAN C. WORCESTER, Secretary of the Interior.



BAY OF MANILA—showing the city, Cavite and Cavite Bay. On left of Manila will be noted Parañaque, Las Piñas, Bacoor, Cavite Viejo, San Francisco de Malabon and Imus; on the right, Bacolor and Balanga; at the entrance of bay, Corregidor and Caballo Islands.

...BOARD OF HEALTH...

Major L. M. MAUS, M. D., U. S. Army, Commissioner of Public Health.

FRANKLIN A. MEACHAM, M. D.
Chief Health Inspector.

P. C. FREER, M. D., Ph. D.
Superintendent of Government Laboratories.

C. M. MEAD, B. S.
Sanitary Engineer.

MANUEL GOMEZ MARTINEZ, M. D.
Secretary.

APRIL, 1902.

15417

Office of the Board of Health for the Philippine Islands and City of Manila.

MANILA, P. I., May 15th, 1902.

To the

Honorable Secretary of the Interior,

Manila, P. I.

SIR:—

I have the honor to submit herewith the report of the Board of Health for the Philippine Islands and city of Manila for the month of April, 1902.

Mortality During Month, and Birth Rate.—Thirteen hundred and twenty-seven deaths occurred among the permanent residents of the city of Manila during the month, and sixty-three deaths among the transients. They were divided racially as follows:

Filipinos,	1239	Chinese,	65
Americans,	13	Europeans and others,	10

Deaths during the month resulted from the following prominent causes: Cholera, 385; convulsions of children, 226; tuberculosis, 105: eclampsia, 98; dysentery and diarrhoea, 67; bronchitis, 62; beri-beri, 44; malarial fever, 31; senile debility, 29; meningitis, 25; tetanus, 14; all others, 241. Deaths among the transients have not been included in this summary. Of the three hundred and eighty-five cases of cholera, the racial distribution was as follows:

Filipinos,	345	Chinese,	30
Americans,	6	Europeans and others,	4

The death rate for the month was 53.45 per thousand, and was divided as follows:

Filipinos,	67.38	Chinese,	13.04
Americans,	24.49	Europeans and others,	15.50

Two hundred and seventy-eight births occurred during the month; two hundred and seventy-four among Filipinos, one among Americans, and three among Europeans and others.

Asiatic Cholera.—From March 20th until the present date (May 15th), one thousand and five cases of cholera have been reported in Manila, eight hundred of whom have died and two hundred and five recovered. The cases in respect to nationality, deaths and mortality, were divided as follows:

	Cases	Deaths	Mortality
Filipinos,	862	699	81 per cent.
Chinese,	103	71	68.8 per cent.
Americans,	23	18	78 2 per cent.
English,	13	10	76.9 per cent.
Europeans and others,	4	2	50 per cent.

The racial mortality from cholera occurred in the following sequence: Filipinos, Americans, Chinese, and Europeans and others.

From the beginning of the epidemic, all cases, with few exceptions, were treated in cholera hospitals organized by the Board of Health. From March 26th until April 18th all cases were sent to the hospital established on the San Lazaro Grounds, and the contacts to the detention camp adjoining, which had previously been constructed for bubonic plague contacts. Fortunately this camp was practically ready for occupation on the appearance of cholera. The San Lazaro Detention Camp and Cholera Hospital was placed under the charge of Capt. Frank W. Dudley, Assistant Surgeon, U. S, Volunteers, until he was ordered to Bataan, in charge of the cholera in that province. After his departure, Dr. H. E. Winslow assumed charge of the Detention Camp, and Dr. J. W. Jobling, of the Cholera Hospital. These officers performed their respective duties faithfully and conscientiously, and attained most excellent results during their respective administrations. On May 18th both the detention camp and cholera hospital at San Lazaro were abandoned on the grounds of camp infection, and closed a few days later. During the twenty-three days ending April the 12th, about 3000 contacts were sent to this camp, and one hundred and twenty patients treated in the hospital there. In the meanwhile a detention camp and cholera hospital of canvas were established on a high tract of land, in the suburbs of Manila, known as Santa Mesa. The use of this magnificent piece of property was secured to the Board of Health free of cost, through the generosity of Señor Juan Tuason, a very prominent and public spirited Filipino resident of Manila. The detention camp at Santa Mesa was provided with accommodations for six thousand contacts, and the hospital adjoining for one hundred patients. The grounds were laid out and tents located according to military regulations and provided with a system of water supply taken from the main conduit at that point, bath houses, sanitary closets, kitchens, store rooms, etc. Lieutenant R. W. Briggs, Artillery Corps, had charge of the camp during its early construction, and deserves great credit for the thoroughness and promptness of his work. Unfortunately he was relieved from the Board before the completion of the camp, his services being needed by his commanding officer. The detention camp and cholera hospital at Santa Mesa were in opera-

tion from April 14 to May 9, and were finally abandoned on account of distance from center of the city, the rough avenue leading to it, and the bad effect on patients as a result of the transportation there. During the existence of this camp 527 contacts and 186 cholera cases were sent there for detention and treatment. The management of the Santa Mesa Camp passed through several hands before it was transferred to Captain T. R. Marshall, Assistant Surgeon of Volunteers, who administered it with rare ability, and deserves great credit for his work. Contract Surgeon Sievers had charge of the cholera hospital there, and performed his duties in a most creditable and satisfactory manner. Before the abandonment of the Santa Mesa Cholera Camp, arrangements were made to establish a hospital in a large building on Calle Herran, formerly used by the Army, and known as the Second Reserve Hospital. This magnificent building is located in the center of a large tract of land in Ermita, surrounded by a wall, and is very accessible from all parts of the city. It is believed that a considerable number of lives were saved by reason of the dispatch in transferring patients to this hospital, and the fine condition of the streets leading to it. The free use of this building was secured to the Board of Health through the courtesy and kindness of Señores Trinidad Jurado, Bertrand de Lis, and other members of the commission of the Spanish Colony, who had charge of the property at the time. The entire lower floor, with kitchen, dining room, laundry, morgue, and grounds, were placed at our disposal, besides a large ward for Americans on the second floor, and four private rooms for American women. The remaining portion of the building was reserved for the treatment of members of the Spanish Colony in case any of them were so unfortunate as to contract the disease. I desire publicly to thank Señor Trinidad Jurado and his colleagues for their great kindness in offering us the use of this splendid hospital, which has contributed so much toward the recovery and comfort of the unfortunates sent there, and for their universal assistance and courtesy during our occupancy of the building. In this connection I desire also to call attention to the splendid work performed by the sisters of charity, who were sent there as nurses at my request. These noble women devoted themselves fearlessly to the work of nursing the sick, and spared no effort or labor in behalf of their patients, who, as a rule, belonged to the lowest native class, and among whom the disease was so malignant.

From April 28th to May 15th, 227 cases of cholera were sent there for treatment. Captain E. A. Southall has had charge of the hospital since its organization, and, although he has been suffering from chronic dysentery during the entire time, has administered the affairs with judgment and marked success. A number of hospital tents were pitched on the grounds for the accommodation of relatives of patients under treatment. This concession was made to the ignorant classes as an offset to the many vague and fearful rumors which had reached them in regard to the treatment of their friends by the Americans. One member of each family was provided with shelter and food on the grounds, and allowed to visit the ward once or twice daily. This policy, to a great extent, relieved the natives of all fear of being sent to the cholera hospital. As stated in a previous report of the Board, there was practically no co-operation among the natives in regard to reporting cases occurring in their families, and for this reason it became necessary to employ a large number of men as acting sanitary inspectors, several hundred of whom were sent to affected towns in neighboring provinces. After carefully studying the statistics in regard to the percentage of contacts, who were affected after being sent to the detention camps, the Board decided to quarantine, when practical, all contacts in their houses for five days, and to abolish the detention camps altogether. This was accomplished May 14, with no injurious effects, as far as could be noted in regard to an increase of the epidemic, and with a marked improvement in securing the confidence and co-operation of the natives. All cases, however, were sent to the cholera hospital.

Since it has been definitely determined that the epidemic was the result of food infection, great attention has been paid to the supervision of the markets, the cooked food shops, and the preparation and care of food in the native houses. Rules and regulations were issued prohibiting the peddling of all drinks and cooked foods on the streets, the prohibition of twenty-three special articles of diet prepared by the Chinos for sale to natives, and a rigid enforcement of the order for keeping all articles of diet in the city covered and free from flies. Although the enforcement of these rules among a population of three hundred thousand people was very difficult, two hundred and seventy-five thousand of whom, may be regarded as belonging to the ignorant class, with scarcely any knowledge of ordinary sanitation, a marked decrease in the number of cases was shortly observed. Many samples of food were sent to the laboratory for examination, also a number of flies caught in infected houses. The cholera spirilum was found in several samples of the food, especially in cooked rice, which was left exposed, and in some of the blue bottle flies. These flies are commonly bred along the sides of the esteros, which are emptying grounds for numberless private sewers and latrines. In certain places along the sides of these esteros, where deposits have been accumulating for many generations, great beds of wriggling maggots were noticeable. The numerous cases which have been observed along the banks of certain esteros may be accounted for by food infection from blue bottle flies There is no doubt but that the ordinary household fly can also transfer the cholera spirilum from infected matter to food, as is the case with typhoid fever. The Board of Health has inaugurated a crusade against flies by means of fly poison, and has also begun the destruction of maggots in the esteros.

Cholera in the Provinces.—In spite of the rigid quarantine placed around Manila, a large number of cases of cholera escaped from the city and infected pueblos in neighboring provinces. The following is a list of cases which have been reported outside of Manila, with deaths and mortality:

	Cases	Deaths	Mortality
Pampanga,	455	331	73 per cent.
Bulacan,	411	295	72 per cent.
Camarines Sur,	521	397	76 per cent.
Laguna,	25	19	76 per cent.
Cavite,	13	12	92 per cent.
Pangasinan,	4	4	100 per cent.
Nueva Ecija,	6	6	100 per cent.
Bataan,	823	630	76 per cent.
Rizal,	451	279	62 per cent.

At the present date but few cases exist in any of the provinces outside of Batangas, Laguna, and Rizal. The most prominent pueblos affected are Santa Cruz and Biñang, Laguna, and Binangonan, Rizal.

Pail System.—The department for the collection and disposition of night soil for the city has been organized, and a superintendent, collectors, overseers, and office force appointed. The contract for the construction of twelve thousand pails has been made with R. S. Bailey & Co., of Hong Kong, for $52,000.00, Mexican currency, and the first invoice of 500 buckets is expected by the middle of June. The commodes, five thousand in number, and the midden sheds will be constructed by McKinnon & Co., of Manila. Eight public latrines, with a capacity of about thirty-six seats each, are to be installed at once in the Tondo, San Nicholas, and Sta. Cruz districts, especially for the use of residents of the nipa houses, who at present are unprovided with proper arrangements. Mr. Burrell, the superintendent, and assistants have made inspections of over two thousand houses in the above mentioned districts, and found that about fifteen hundred of these houses will require the pail installation. Provisions are being made for a suitable corral and warehouse for this department. Eight hundred galvanized buckets with gasket covers were ordered from Singapore, and a large number of them located in the Tondo District.

Bubonic Plague.—No case of plague has occurred in Manila since March 6th, and it is believed that the infection has entirely disappeared. During the month of March, eleven thousand one hundred and eighty-two rats were caught and examined at the laboratory, in none of which was found the plague bacillus. It will, therefore, be noted that the disappearance of the disease in Manila has been co-incident with its disappearance in the rodents.

Leprosy.—Additional reports from the provinces since March have increased the number of lepers previously reported to three thousand two hundred and sixty-six. A fair canvass of the lepers for the islands of Luzon, Cebu, Panay, Marinduque, Masbate, and Bohol has already been made. Reports have also been received from portions of Mindanao, Leyte, Samar, and other less prominent islands, and it can be safely predicted now that not more than five thousand lepers exist in the entire Philippines. When this work was begun, the number was variously estimated, by the friars and others supposed to be conversant with conditions here, from fifteen to thirty thousand. I am disposed to believe that a number of the natives, officially reported as lepers, are suffering from various skin affections, otherwise than leprosy. This was verified quite recently from reports received from physicians and the local health authorities at Binalonan, Pangasinan. Fourteen persons were reported as lepers in that pueblo and sent to the San Lazaro Hospital, Manila, on authority of the Commissioner of Public Health. On their arrival only two of the fourteen really had the disease. Owing to the recent epidemic of cholera it became necessary to postpone work on the leprosy colony, which would have been begun during the early part of April.

Rinderpest, Surra Disease.—No reports have been received from the provinces in regard to these diseases since last report.

I regret to announce the death of Major Franklin A. Meacham, Chief Health Inspector, who died at his post of duty on the 14th of April. The following resolution has been inserted in recognition of his excellent services, and the great loss the Board sustains in his death:

WHEREAS, death has taken from our midst our colleague, Dr. Franklin A. Meacham, Chief Health Inspector of the Board of Health for the Philippine Islands, who was always helpful in advice and counsel, performing his duties with untiring energy, matured judgment and unfailing devotion to the highest ideals, sacrificing health and life and a strenuous effort to prevent the calamity of a great epidemic;

BE IT RESOLVED, That in his death, the Board of Health has suffered a most serious misfortune, and the individual members have lost a comrade whom each cherished with an affection which can never fade—a man true to his profession, true to his high mission of protecting the life and health of the community, true to his friends.

BE IT FURTHER RESOLVED; That the heartfelt sympathy of the Board of Health be extended to the family of the deceased in its great bereavement, and that this resolution be entered upon the minutes of the Board of Health of the Philippine Islands, and a copy hereof be sent to the mother of the deceased.

Very respectfully,

L. M. MAUS,

Major and Surgeon, U. S. Army,

Commissioner of Public Health.

POPULATION OF MANILA.

Filipinos	223,900
Chinese	60,680
Foreigners	7,852
Americans	9,722
Total	302,154

DEATHS OCCURRING DURING THE MONTH OF APRIL.

Filipinos	1239
Chinese	65
Foreigners	10
Americans	13
Total	1327

ANNUAL DEATH RATE PER THOUSAND FOR THE MONTH.

Filipinos	67.38
Chinese	13.04
Foreigners	15.50
Americans	24.49
Average	53.46

BIRTHS REPORTED IN APRIL.

Filipinos	274
Chinese	
Foreigners	3
Americans	1
Total	278

ANNUAL BIRTH RATE PER THOUSAND FOR THE MONTH.

Filipinos	14.89
Chinese	
Foreigners	4.65
Americans	1.88
Average	11.20

Summary of Statistics of Births and Deaths.

Population, census estimated Health Department	302,154
Mortality for the month of April	1,327
Annual death rate per 1000 for month of April	53.46
*Births Reported	278
Annual birth rate (based on reports)	11.20

*Incomplete.

DEATHS BY AGE.

Under 30 days	96
30 days to 1 year	354
1 year to 2 years	42
2 years to 5 years	25
5 years to 10 years	40
10 years to 15 years	27
15 years to 20 years	42
20 years to 25 years	57
25 years to 30 years	82
30 years to 40 years	118
40 years to 50 years	79
50 years to 60 years	50
60 years to 70 years	42
70 years to 80 years	26
80 years to 90 years	19
90 years to 100 years	11
100 years to 105 years	2
100 years to 115 years	2
100 years to 120 years	1
Unknown	6
Total	1,121

Still-births 27. Of the grand total of 1417 deaths, 60 were those of transients, while 1327 were permanent residents of Manila.

NOTE.—Division of deaths by age cannot be determined by grade, because same is not mentioned in death certificates.

DEATHS BY DISTRICTS.

Walled City	77
Binondo	68
San Nicolas	116
Tondo	295
Santa Cruz	162
Quiapo	49
Sampaloc	32
San Miguel	80
Paco	43
Ermita	31
Malate	21
Pandacan	54
Transient residents	63
Santa Ana	29
Unknown	6
Total	1,148
Post of Manila	

27 of above were still-births.

NOTE.—Places of deaths cannot be determined, because in large number of cases this information is not contained in, and in others the deaths are reported as having occurred at San Lazaro Hospital.

Causes of Deaths for the Month of April, 1902,

(STILL-BIRTHS NOT INCLUDED.)

	Nomenclature designed for the statistics of death.	Nomenclatura para las estadisticas de defunciones.	American M.	American F.	European M.	European F.	Philippino M.	Philippino F.	Chinese M.	Chinese F.	Total
	I.	**I.**									
	GENERAL DISEASES.	**Enfermedades generales.**									
1	Typhoid Fever (abdominal typhus)	Fiebre tifoidea			1		3	2			6
2	Exanthematic typhus	Tifus exantemático									
3	Recurrent Fever	Fiebre recurrente									
4	Intermittent Fever, and Malarial Cachexia	Fiebre intermitente					14	16	1		31
4a	Malarial Cachexia	Caquexia palúdica			1		4				5
5	Variola	Viruelas	1				6	5			12
6	Measles	Sarampión									
7	Scarlatina	Escarlatina									
8	Whooping Cough	Tos ferina									
9	Diphtheria and Croup	Difteria y Crup									
9a	Diphtheria	Difteria									
10	Grippe	Gripe				1	2	4			7
11	Miliary Fever	Fiebre miliar									
12	Asiatic Cholera	Cólera asiático	6		4		252	93	30		385
13	Cholera nostras	Cólera nostras									
14	Dysentery	Disenteria	2				14	9	7		32
14a	Epidemic Dysentery	Disenteria epidémica									
15	Plague	Peste									
16	Yellow Fever	Fiebre amarilla									
17	Leprosy	Lepra									
18	Erysipelas	Erisipelas					1				1
19	Other Epidemic Affections	Otras afecciones epidémicas					19	20	5		44
20	Purulent Infection and Septicæmia	Infección purulenta y septicemia						1			1
21	Glanders and Farcy	Muermo y lamparones									
22	Malignant Pustule and Anthrax	Pústula maligna y antrax					1	1			2
23	Rabies	Rabia									
24	Actinomycosis, Trichinosis, etc	Actinomicosis, trichinosis, etc									
25	Pellagra	Pelagra									
26	Tuberculosis of Larynx	Tuberculosis de la laringe			1		1				2
27	Tuberculosis of Lungs	Tuberculosis del pulmón	1		1		54	41	5		102
28	Tuberculosis of Meninges	Tuberculosis de las meninges									
29	Tuberculosis of Abdomen	Tuberculosis abdominal						1			1
30	Pott's Disease	Mal de Pott									
31	Cold Abscess and Abscess by Congestion	Abscesos fríos y por congestión									
32	White Swellings	Tumores blancos									
33	Tuberculosis of Other Organs	Tuberculosis de otros órganos									
34	Generalized Tuberculosis	Tuberculosis generalizada									
35	Scrofula	Escrófula					2	1			3
36	Syphilis	Sífilis									
37	Gonorrhea of the Adult	Blenorragia en los adultos									
38	Gonococcic Infections of Children	Afecciones gonocócicas en los niños									
39	Cancer and Other Malignant Tumors of the Buccal Cavity	Cáncer ú otros tumores malignos en la cavidad bucal									
40	Cancer and Other Malignant Tumors of the Stomach and Liver	Cáncer ú otros tumores malignos del estómago é hígado									
41	Cancer and Other Malignant Tumors of Peritoneum, Intestines, and Rectum	Cáncer ú otros tumores malignos del peritoneo, intestinos y recto									
42	Cancer and Other Malignant Tumors of the Female Genitals	Cáncer ú otros tumores malignos de los órganos genitales de la mujer						2			2
43	Cancer and Other Malignant Tumors of the Breast	Cáncer ú otros tumores malignos de la mama						2			2
44	Cancer and Other Malignant Tumors of the Skin	Cáncer ú otros tumores malignos de la piel									
45	Cancer and Other Malignant Tumors of Other Organs and Organs not Specified	Cáncer ú otros tumores malignos en otros órganos					1				1
46	Other Tumors (Tumors of the Female Genitals excepted)	Otros tumores (exceptuándose los de los órganos genitales de la mujer)									
47	Acute Articular Rheumatism	Reumatismo articular agudo									
48	Chronic Rheumatism, and Gout	Reumatismo crónico y gota					2	6			8
49	Scurvy	Escorbuto									
50	Diabetes	Diabetes					1	1			2
51	Exophthalmic Goiter	Bocio exoftálmico									
52	Addison's Disease	Enfermedad bronceada de Addison									
53	Leukæmia	Leucemia						1			1
54	Anæmia, Chlorosis	Anemia, clorosis					1	2			3
55	Other General Diseases	Otras enfermedades generales									
56	Acute Alcoholism or Chronic	Alcoholismo agudo ó crónico									
57	Lead-Poisoning	Saturnismo									
58	Other Poisonings Incident to Occupations	Otras intoxicaciones profesionales crónicas									
59	Other Chronic Poisonings	Otros envenenamientos crónicos									
	II.	**II.**									
	Diseases of the nervous system and the organs of special sense.	**Enfermedades del Sistema Nervioso y de los órganos de los sentidos.**									
60	Encephalitis	Encefalitis									
61	Simple Meningitis	Meningitis simple			1		11	13			25
61a	Epidemic Cerebro-spinal Meningitis	Meningitis cérebro-espinal epidémica									
62	Progressive Locomotor Ataxia	Ataxia locomotriz progresiva					1	2			3
63	Other Diseases of the Spinal Cord	Otras enfermedades de la médula espinal					1		2		3
64	Cerebral Congestion and Hemorrhage	Congestión y hemorragia cerebrales					2	3	3		8
65	Cerebral Softening	Reblandecimiento cerebral									
66	Paralysis Without Apparent Cause	Parálisis sin indicación de causa									
67	General Paralysis	Parálisis generales					1	2			3

	Nomenclature designed for the statistics of death.	Nomenclatura para las estadisticas de defunciones.	American M.	American F.	European M.	European F.	Philippino M.	Philippino F.	Chinese M.	Chinese F.	Total
	II.—Diseases of the Nervous System and the Organs of Special Sense.	**II. Enfermedades del sistema nervioso y de los órganos de los sentidos.**									
68	Other Forms of Insanity	Otras formas de alienación mental					1				1
69	Epilepsy	Epilepsia									
70	Eclampsia (nonpuerperal)	Eclampsia (no puerperal)					53	45			98
71	Convulsions of Children	Convulsiones en los niños					119	107			226
72	Tetanus	Tétano					7	7			14
73	Chorea	Corea									
74	Other Diseases of the Nervous System	Otras enfermedades del sistema nervioso					3	2			5
75	Diseases of the Eye and its Adnexa	Enfermedades de ojos y sus anexos									
76	Diseases of the Ear	Enfermedades de los oidos									
	III. Diseases of the Circulatory System.	**III. Enfermedades del aparato circulatorio.**									
77	Pericarditis	Pericarditis						1			1
78	Acute Endocarditis	Endocarditis aguda					1	1			2
79	Organic Disease of the Heart	Enfermedades orgánicas del corazón	2				10	7	2		21
80	Angina Pectoris	Angina de pecho					8	5	2		15
81	Affections of the Arteries (Atheroma, Aneurism, etc.)	Afecciones de las Arterias, etc					3	1			4
82	Embolus and Thrombosis	Embolia y Trombosis					2	2			4
83	Affections of the Veins (Varices, Hemorrhoides, Phlebitis)	Afecciones de las venas									
84	Affections of the Lymphatic System (Lymphangitis, etc.)	Afecciones del sistema linfático									
85	Hemorrhages	Hemorragias									
86	Other Affections of the Circulatory System	Otras afecciones del aparato circulatorio									
	IV. Diseases of the Respiratory System.	**IV. Enfermedades del aparato respiratorio.**									
87	Diseases of the Nasal Fossæ	Enfermedades de las fosas nasales									
88	Affections of the Larynx	Afecciones de la laringe					3	4			7
89	Affections of the Thyroid Body	Afecciones del cuerpo tiroideo									
90	Acute Bronchitis	Bronquitis aguda					23	16			39
91	Chronic Bronchitis	Bronquitis crónica					11	12			23
92	Broncho-Pneumonia	Bronco-pneumonía					3	4			7
93	Pneumonia	Pneumonía					1				1
94	Pleurisy	Pleuresía					2				2
95	Pulmonary Congestion and Apoplexy	Congestion y apoplegía pulmonares					3	2	1		6
96	Gangrene of the Lungs	Gangrena del pulmón					1	2			3
97	Asthma	Asma					1	1			2
98	Pulmonary Emphysema	Enfisema pulmonar									
99	Other Diseases of the Respiratory System (Phthisis excepted)	Otras enfermedades del aparato respiratorio (exceptuándose la tísis)									
	V. Diseases of Digestive System.	**V. Enfermedades del aparato digestivo.**									
100	Affections of the Mouth and its Adnexa	Afecciones de la boca y de sus anexos									
101	Affections of the Pharynx	Afecciones de la faringe									
102	Affections of the Esophagus	Afecciones del esófago									
103	Ulcer of the Stomach	Ulcera del estómago						2			2
104	Other Affections of the Stomach (Cancer excepted)	Otras afecciones del estómago (exceptuándose el cáncer)					3	4			7
105	Diarrhea and Enteritis (under 2 years)	Diarrea y enteritis (en niños menores de 2 años)					4	3			7
105a	Chronic Diarrhea and Enteritis	Diarrea y enteritis crónica					12	12	2		26
106	Diarrhea and Enteritis (2 years and over)	Diarrea y enteritis (en niños de 2 ó más años)					2				2
107	Intestinal Parasites	Parásitos intestinales						1			1
108	Hernias; Intestinal Obstructions	Hernias; obstrucciones intestinales									
109	Other Affections of the Intestines	Otras afecciones del intestino									
110	Acute Yellow Atrophy of the Liver	Ictericia grave									
111	Hydatid Tumors of the Liver	Tumores hidátidicos del hígado					2	3			5
112	Cirrhosis of the Liver	Cirrosis del hígado					1				1
113	Biliary Calculi	Cálculos biliares						2	1		3
114	Other Affections of the Liver	Otras afecciones del hígado									
115	Affections of the Spleen	Afecciones del bazo					1				1
116	Simple Peritonitis (Puerperal excepted)	Peritonitis simple (exceptuándose la puerperal)									
117	Other Affections of the Digestive System (Cancer and Tuberculosis excepted)	Otras afecciones del aparato digestivo (exceptuándose el cáncer y tuberculosis)									
118	Appendicitis and Abscess of the Iliac Fossa	Apendicitis y flemón de la fosa iliaca									
	VI. Diseases of the Genito-Urinary System and its Adnexa.	**VI. Enfermedades del aparato génito urinario y de sus adnexos.**									
119	Acute Nephritis	Nefritis aguda					1	1	1		3
120	Bright's Disease	Mal de Bright					4				4
121	Other Diseases of the Kidneys and their Adnexa	Otras enfermedades de los riñones y de sus anexos									
122	Calculi of the Urinary Tract	Cálculos de las vías urinarias					1	1			2
123	Diseases of the Bladder	Enfermedades de la vegiga					2				2
124	Diseases of the Urethra, Urinary Abscess, etc	Enfermedades de la uretra					1				1
125	Diseases of the Prostate	Enfermedades de la prostata									
126	Nonvenereal Diseases of the Male Genital Organs	Enfermedades no venereas de los órganos genitales del hombre									
127	Metritis	Metritis									
128	Uterine Hemorrhage (nonpuerperal)	Hemorragia uterina (no puerperal)									
129	Tumor, Uterine (noncancerous)	Tumor uterino (no canceroso)									
130	Other Diseases of the Uterus	Otras enfermedades del útero									
131	Cysts and Other Tumors of the Ovary	Quistes y otros tumores del ovario									
132	Other Diseases of the Female Genital Organs	Otras enfermedades de los órganos genitales de la mujer									
133	Nonpuerperal Diseases of the Breast (Cancer excepted)	Enfermedades no puerperales de la mama (exceptuándose el cáncer)									

	Nomenclature designed for the statistics of death.	Nomenclatura para las estadisticas de defunciones.	American M.	American F.	European M.	European F.	Philippino M.	Philippino F.	Chinese M.	Chinese F.	Total
	VII.	**VII.**									
	The Puerperal State.	**Estado puerperal.**									
134	Accidents of Pregnancy	Accidentes de la preñez						1			1
135	Puerperal Hemorrhage	Hemorragia puerperal						7			7
136	Other Accidents of Labor	Otros accidentes del parto						1			1
137	Puerperal Septicæmia	Septicemia puerperal						7			7
138	Albuminuria and Puerperal Eclampsia	Albuminuria y eclampsia puerperales						1			1
139	Puerperal Phlegmasia Alba Dolens	Flegmasia alba dolens puerperal						2			2
140	Other Puerperal Accidents-Sudden Death	Otros accidentes puerperales: Muerte repentina									
141	Puerperal Diseases of the Breast	Enfermedades puerperales de la mama									
	VIII.	**VIII.**									
	Diseases of the Skin and Cellular Tissue.	**Enfermedades de la piel y del tejido celular.**									
142	Gangrene	Gangrena									
143	Furuncle	Forúnculo									
144	Warm-acute Abscess	Abscesos calientes agudos									
145	Other Diseases of the Skin and its Adnexa	Otras enfermedades de la piel									
	IX.	**IX.**									
	Diseases of the Organs of Locomotion.	**Enfermedades de los órganos de la locomoción.**									
146	Affections of the Bones (nontuberculous)	Afecciones de los huesos (exceptuando la tuberculosis)									
147	Diseases of the Joints (Tuberculosis and Rheumatism excepted)	Afecciones de las articulaciones (exceptuando la tuberculosis y el reumatismo)									
148	Amputation	Amputación									
149	Other Affections of the Organs of Locomotion	Otras afecciones de los órganos de la locomoción									
	X.	**X.**									
	Malformations.	**Vicios de conformación.**									
150	Congenital Malformations (Stillbirths excepted)	Vicios de conformación congénitos (exceptuándose los de niños nacidos muertos)					1	2			3
	XI.	**XI.**									
	Early Infancy.	**Primera infancia.**									
151	Congenital Debility, Icterus and Sclerema	Debilidad congénita, ictericia y esclerema					8	2			10
152	Other Special Diseases of Early Infancy	Otras enfermedades especiales de la primera edad					1	1			2
153	Lack of Care	Falta de cuidados									
	XII.	**XII.**									
	Old age.	**Vejez.**									
154	Senile Debility	Debilidad senil					8	21			29
	XIII.	**XIII.**									
	Affections Produced by External Causes.	**Afecciones producidas por causas exteriores.**									
155	Suicide by Poison	Suicidio por envenenamiento									
156	Suicide by Asphyxia	Suicidio por asfixia									
157	Suicide by Hanging or Strangulation	Suicidio por suspensión ó por extrangulación									
158	Suicide by Submersion	Suicidio por submersión									
159	Suicide by Firearms	Suicidio por armas de fuego									
160	Suicide by Cutting Instruments	Suicidio por instrumentos cortantes					1				1
161	Suicide by Jumping from High Place	Suicidio por dejarse caer desde un punto elevado									
162	Suicide by Crushing	Suicidio por aplastamiento									
163	Other Suicides	Otros suicidios									
164	Fractures	Fracturas							2		2
165	Dislocations	Luxaciones									
166	Other Accidental Traumatisms	Otros traumatismos accidentales									
167	Burns	Quemaduras por el fuego					2				2
168	Burning by Corrosive Substances	Quemaduras por substancias corrosivas									
169	Insolation	Insolación									
170	Freezing	Congelación									
171	Electrical Shocks	Commoción eléctrica									
172	Accidental Submersion	Submersión accidental					1		1		2
173	Inanition	Inanición					5	2			7
174	Inhalation of Deleterious Gases (Suicide excepted)	Absorción de gases deletéreos									
175	Other Acute Poisonings	Otros envenenamientos agudos									
176	Other External Violence	Otras violencias exteriores						1			1
	XIV.	**XIV.**									
	Ill-defined Diseases.	**Enfermedades mal definidas.**									
177	Dropsy	Hidropesía									
178	Sudden Death	Muerte repentina									
179	Unspecified or Ill-defined Causes of Death	Causas de muerte no especificadas ó mal definidas					3	1			4
	Unknown		1								
	Total		13		9	1	713	526	65		1327
	Grand Total		13		10		1239		65		1327

Number of Deaths with Causes Occurring Among Transients in Manila the Month of April. These Deaths are not included in Preparing Death Rate of City.

			Americans.		Foreigners.		Filipinos.		Chinese.		TOTAL.
			M.	F.	M.	F.	M.	F.	M.	F.	
	I. General Diseases.	I. Enfermedades generales.									
4	Intermittent Fever	Fiebre intermitente	1								1
12	Colera Asiatic	Cólera Asiatico	10								10
17	Leprosy	Lepra	6								6
19	Other Epidemic Affections	Otras afecciones epidémicas	18	2							20
27	Tuberculosis of Lungs	Tuberculosis de los pulmones	2	2							4
48	Chronic Rheumatism, and Gout	Reumatismo Crónico y gota	1								1
	II. Diseases of the Nervous System and the Organs of Special Sense.	II. Enfermedades del sistema nervioso y otros del sentido especial.									
64	Cerebral Congestion and Hemorrhage	Congestión y hemorragia cerebrales	1	2							3
67	General Paralysis	Parálisis General	1								1
71	Convulsions of Children	Convulsiones infantiles	2	2							4
	III. Diseases of Circulatory System.	III. Enfermedades del Aparato Circulatorio.									
79	Organic Diseases of the Heart	Enfermedades organicas del corazon	2								2
	IV. Diseases of the Respiratory System.	IV. Enfermedades del sistema respiratorio.									
90	Acute Bronchitis	Bronquitis aguda		1							1
91	Chronic Bronchitis	Bronquitis crónica	1								1
93	Pneumonia	Pneumonía	1								1
	VI. Diseases of the Genito-Urinary System and its Adnexa.	VI. Enfermedades del aparato genito-urinario y sus anexos.									
128	Uterine Hemorrhage	Hemorragia uterina (no puerperal)		1							1
	XII.	XII.									
154	Senile Debility	Debilidad senil		1							1
	XIII. Affections Produced by External Causes.	XIII. Afecciones producidas por causas externas.									
159	Suicide by Firearms	Suicidio por armas de fuego		1							1
160	Suicide by Cutting Instruments	Suicidio por instrumento cortante	1								1
	Unknown		1								1
		TOTAL	48	12							60

BURIALS, APRIL, 1902.

CEMETERIES.	No.
Loma [Government]	276
Paco General [Government]	30
Santa Cruz	7
Balic-balic	124
Binondo	12
Tondo	350
Maytubig	34
Malate	54
Pandacan	56
Chinese	66
Crematory	100
Santa Ana	31
American National Cemetery	1
San Pedro Macati	3
	4
TOTAL	1148

31 of above were still-births and 63 transient residents.

NOTE.—Burial places cannot be determined on, because they are not mentioned in death certificates.

CREMATORIES.

APRIL, 1902.	Cart loads of refuse consumed.	Carcasses of native horses consumed.	Carcasses of American horses consumed	Carcasses of mules consumed.	Carcasses of carabaos consumed.	Carcasses of cows consumed.	Carcasses of dogs consumed.	Carcasses of fowls consumed.	Carcasses of cats consumed.	Carcasses of rats consumed.	Carcasses of pigs consumed.	Carcasses of snakes consumed.
Paco	956	67	21	5	3		12	26	10	12	5	....
Santa Cruz	633	58	5	7	26	32	7	184		160	....	....
TOTAL	1584	125	26	12	29	32	19	210	10	172	5	....

Number of loads of garbage dumped in suburbs 8,585
Number of loads of garbage dumped at sea 1,318

COMPARATIVE MORTALITY FROM APRIL 1, 1901, TO APRIL 30, 1902.

MONTH.	1900		1901		1902	
	No. Deaths	Annual Death rate per 1000.	No. Deaths	Annual Death rate per 1000.	No. Deaths	Annual Death rate per 1000.
January	1055	50.65	753	36.22	760	30.46
February	884	47.08	689	36.69	706	30.81
March	887	42.67	885	42.67	770	30.02
April	805	40.02	886	44.04	1327	53.46

DISINTERMENTS, APRIL, 1902.

Paco Cemetery	9
Chinese Cemetery (for removal to China)	15
Loma	1
Santa Cruz	9
TOTAL	34

VETERINARY DIVISION.

WILLIAM W. RICHARDS, V. S. — City Veterinarian.
JOHN G. SLEE, D. V. S. — Asst. City Veterinarian.

On arrival in City.	Number of cattle inspected	1,271
	Number of hogs inspected	4,163
	Number of carabaos inspected	51
	Number of sheep inspected	2
	Number of goats inspected	7
	Number of horses inspected	233
	Number of other animals inspected	3
In Government Slaughterhouse	Number of cattle slaughtered	1,325
	Number of hogs slaughtered	5,054
	Number of sheep slaughtered	6
	Number of cattle condemned and cremated	11
	Number of hogs condemned and cremated	33

Number of horses condemned for glanders 8

Report of Prescriptions Filled at the Municipal Dispensary, Showing Districts, Sex and Age of Persons to Whom Medicines have been Given During the Month.

DISTRICTS	AMERICAN				FOREIGNER				FILIPINO				CHINESE				TOTAL
	Adult		Children		Adult		Children		Adult		Children		Adult		Children		
	M.	F.	Boy	Girl	M.	F.	Boy	Girl	M.	F.	Boy	Girl	M.	F.	Boy	Girl	
Walled City																	15
Concepcion																	4
San Miguel																	32
Ermita																	94
Malate																	95
Paco																	290
Santa Ana																	21
Sampaloc																	366
Pandacan																	52
Quiapo																	70
Santa Cruz																	86
Binondo																	44
San Nicolas																	15
Tondo																	10
TOTAL																	1194

SMALL-POX HOSPITAL, CITY OF MANILA

Month of April, 1902.

	Remaining From Last Report.	Admissions During Month.	Total To Be Accounted For.	Discharged Cured.	Died	Otherwise Disposed Of.	Remaining in Hospital.
Americans and Europeans	1	5	6	2	1	.....	3
Japanese and Chinese	.....	1	1	.....	.....	.....	1
Filipinos	11	28	39	20	9	.....	10
TOTAL	12	34	46	22	10	.....	14

Report on Vaccination, City of Manila, during the Month of April, 1902.

	Walled City			BINONDO.			SAN NICOLAS			TONDO.			SANTA CRUZ			QUIAPO.			SAMPALOC.			SAN MIGUEL			PACO.			ERMITA.			MALATE.			PANDACAN.			STA. ANA.			TOTAL.
	Filipinos.	Chinese.	Amer. and Foreigners.	Filipinos.	Chinese.	Amer. and Foreigners.	Filipinos.	Chinese.	Amer. and Foreigners.	Filipinos.	Chinese.	Amer. and Foreigners.	Filipinos.	Chinese.	Amer. and Foreigners.	Filipinos.	Chinese.	Amer. and Foreigners.	Filipinos.	Chinese	Amer. and Foreigners.	Filipinos.	Chinese.	Amer. and Foreigners.	Filipinos.	Chinese.	Amer. and Foreigners.	Filipinos.	Chinese.	Amer. and Foreigners.	Filipinos.	Chinese.	Amer. and Foreigners.	Filipinos.	Chinese.	Amer. and Foreigners.	Filipinos.	Chinese.	Amer. and Foreigners.	
Children	218	...	...	573	...	...	668	...	...	625	...	...	644	...	...	224	...	...	532	...	...	339	...	...	478	...	...	371	...	...	181	...	...	221	...	...	294	...	...	5368
Adult	482	69	10	643	1203	5	1273	923	16	893	315	2	993	393	48	355	193	7	974	122	41	427	75	21	318	93	5	435	59	3	70	11	...	453	...	...	257	15	4	11202
Total	700	69	10	1216	1203	5	1941	923	16	1518	315	2	1637	393	48	579	193	7	1506	122	41	766	75	21	796	93	5	806	59	3	251	11	...	674	...	...	551	15	4	16574
GRAND TOTAL	779			2424			2880			1835			2078			779			1669			862			894			868			262			674			570			16574

RECAPITULATION.

Filipinos	12941
Chinese	3171
Americans and Foreigners	162
Total	16574

VACCINE INSTITUTE.

SATURNINO ESPEJO, DIRECTOR.

Vaccine virus issued during month ending April 30, 1902.

Army	17,976
Navy	6,380
Inhabitants of the Philippine Archipelago (excluding Manila)	77,805
Amount of vaccine virus sold to the public	505
Amount of vaccine virus used by public vaccinator	16,574
TOTAL	119,240

Report of Sick and Wounded City Poor Attended by Municipal Physicians During the Month of April, 1902.

		Sex		Children and Young		Nationality								Total	Cured		Death		Number of visits
						Filipinos		Chinese		Foreigners		Americans							
		M.	F.	Boys	Girls	M.	F.	M.	F.	M.	F.	M.	F.		M.	F.	M.	F.	
R. Perramon	Walled City	20	16	8	9	28	25	1	....	1	....	....	....	55	18	14	7	8	208
	Concepcion	3	5	3	....	6	5	....	....	....	....	....	....	11	4	2	....	....	35
	San Miguel	51	41	9	4	60	45	....	....	....	....	....	....	105	49	40	2	2	298
C. Mora	Paco	93	106	23	27	116	133	....	....	....	....	....	....	249	80	78	10	11	507
	Ermita	13	23	6	10	19	33	....	....	....	....	....	....	52	14	29	3	5	127
	Malate	49	50	8	11	57	51	....	....	....	....	....	....	118	33	40	6	8	251
M. Eloriaga	Santa Ana	11	15	5	5	16	20	....	....	....	....	....	....	36	12	7	....	....	85
C. Reyes	Quiapo	18	10	2	3	19	13	1	....	....	....	....	....	33	13	9	2	1	118
	Santa Cruz	20	18	3	2	22	20	1	....	....	....	....	....	43	14	13	1	2	187
F Castañeda	Sampaloc	74	93	12	13	86	106	....	....	....	....	....	....	192	49	50	8	8	383
	Pandacan	18	18	3	4	21	22	....	....	....	....	....	....	43	8	9	3	5	73
S. V. del Rosario	Binondo	6	5	6	2	10	8	1	....	....	....	....	....	19	7	3	3	2	90
V. Pantoja	Tondo	4	17	3	....	7	17	....	....	....	....	....	....	24	4	6	....	3	51
V. Cavanna	San Nicolas	16	14	2	2	18	16	....	....	....	....	....	....	34	6	3	3	4	137
Total		398	431	93	92	486	523	4	....	1	....	....	....	1014	310	303	48	59	3360

INFECTIOUS DISEASES REPORTED DURING MONTH OF APRIL, 1902, BY DISTRICTS.

	Walled City.	Binondo.	San Nicolas.	Tondo.	Santa Cruz.	Quiapo.	Sampaloc.	San Miguel.	Paco.	Ermita.	Malate.	Pandacan.	Total.
Typhoid Fever	1	....	....	1	....	....	....	....	....	....	....	....	2
Small-Pox	1	....	....	....	....	....	....	....	....	....	....	....	1
Measles	2	....	....	1	1	3	2	....	....	....	....	....	9
Leprosy	....	....	....	....	....	....	....	....	....	....	....	....	....
Tuberculosis of Lungs	....	1	....	3	....	....	....	....	....	....	....	....	4
Total	4	1	....	5	1	3	2	....	....	....	....	....	16

CASES OF CHOLERA IN THE CITY OF MANILA, DURING THE MONTH OF APRIL, 1902.

No. Cases								Total	Cured								Total	Deaths								Total	Per cent.
Americans		Foreigners		Filipinos		Chinese			Americans		Foreigners		Filipinos		Chinese			Americans		Foreigners		Filipinos		Chinese			
M.	F.	M.	F.	M.	F.	M.	F.		M.	F.	M.	F.	M.	F.	M.	F.		M.	F.	M.	F.	M.	F.	M.	F.		
12	....	9	1	333	133	58	....	546	6	....	5	1	81	40	28	....	161	6	....	4	....	252	93	30	....	385	70.51

REPORTS RECEIVED OF LEPERS LIVING IN THE VARIOUS PROVINCES OF THE PHILIPPINE ISLANDS, TO APRIL 30, 1902.

Province.	No. of Men.	No. of Women.	Children and Young.		Single.		Married.		Wid		Race.	Total.
			M.	F.	M.	F.	M.	F.	Ower.	Ow.		
Antique	92	37	2	2	38	28	42	4	12	5	Filipinos.	133
Batangas	19	5	....	....	12	3	3	3	3	....	"	24
Bataan	10	4	1	1	5	....	3	2	2	2	"	16
Bengued	31	10	1	1	1	....	21	10	9	....	Igorrotes.	43
Ambos Camarines	33	17	1	1	24	12	8	5	1	....	Filipinos.	52
Bulacan	17	9	2	1	12	6	5	3	....	....	"	29
Ilocos Norte	45	28	5	2	9	10	31	8	5	10	"	80
Ilocos Sur	176	84	4	2	101	50	66	17	14	12	"	266
Leyte	49	38	1	3	26	27	20	7	3	4	"	91
Masbate	51	35	25	10	22	15	23	19	2	5	"	121
Cagayan	46	30	....	3	20	10	20	19	6	1	"	79
Lepanto	14	4	1	....	5	1	8	....	1	3	"	19
Cavite	17	5	....	3	16	3	1	....	....	2	"	25
Nueva Ecija	44	24	....	....	19	12	22	8	2	5	"	68
Negros Occidental	26	11	5	1	17	10	8	1	1	....	"	43
Pampanga	8	5	2	....	3	1	5	3	1	....	"	15
Pangasinan	120	80	2	3	36	28	65	38	19	14	"	205
Rizal	41	24	2	....	19	12	21	7	3	3	"	67
Marinduque	1	1	1	....	....	1	1	....	....	....	"	3
Laguna	1	....	....	....	....	....	1	....	....	....	"	1
San Lazaro	112	60	2	2	83	36	27	20	2	4	"	176
Tarlac	27	24	11	4	7	9	17	11	2	5	"	66
Sorsogon	75	34	1	1	33	17	40	10	3	5	"	110
Romblon	5	10	....	....	3	6	2	3	1	....	"	15
Samar	39	32	13	8	17	9	21	18	3	3	"	92
Union	43	28	3	....	15	14	24	12	4	2	"	74
Zambales	58	35	2	....	30	15	26	13	4	5	"	95
Mindanao	140	74	3	3	84	46	45	18	9	12	Moros	220
Cebú	171	89	5	4	136	61	33	21	3	3	Filipinos.	269
Iloilo	231	66	11	2	113	37	94	9	24	20	"	310
Negros Oriental	66	42	6	2	27	23	32	14	7	5	"	116
Isabela de Luzon	18	4	1	....	3	1	10	3	5	....	"	23
Tayabas	1	....	....	....	....	....	....	....	....	1	"	1
Albay	68	33	1	1	30	18	27	10	11	5	"	103
Nueva Vizcaya	8	8	2	....	3	....	3	5	2	3	"	18
Abra	11	6	....	....	5	4	5	2	1	....	"	17
Bohol	46	46	5	1	20	19	7	17	3	6	"	98
Capiz	44	33	19	9	26	24	12	12	1	1	"	105
Total	2004	1074	140	70	1020	571	820	352	169	146	....	3288

Report from Bureau of Government Laboratories.

PAUL C. FREER, Superintendent.

In addition to routine work, the Laboratory force has been busy in the manufacture of the antiseptic, benzoyl-acetyl-peroxide (benzozone*). Owing to the peculiar method of manufacture of this germicide, special apparatus was provided and the process modified so as to be adaptable to the excessive heat and light of Manila. The final steps of crystallizing, drying, weighing and filling into capsules were carried on in a room specially provided in the Ice-Plant. Over 5000 capsules of benzoyl-acetyl-peroxide, and 700 liters of 1-1000 solution were prepared. Both capsules and solution were distributed daily to the different cholera hospitals where the antiseptic was used in treatment with gratifying results. A complete report of the clinical treatment of the cholera cases will be given in the annual report of the Bureau of Government Laboratories. The value of (benzozone*) benzoyl-acetyl-peroxide is also being tested in cases of dysentery and determinations as to its feasibility in the disinfection of drinking water are being made.

Analytical and Diagnostic.

Nature.	Neg.	Pos.	Diagnosis.
Sputa	24	19	For Tuberculosis.
Blood	11		For Widal Reaction
Gonococci	69	13	
Feces—			
Ameba Dysenteriæ		15	
Ameba Coli		1	
Monadas		5	
Strongyloides Intestinalis		8	
Ova Trichocephalus Dispar		2	
Ova Uncinaria Duodenale	20	2	

Analytical and Diagnostic.

Nature.	Neg.	Pos.	Diagnosis.
Malarial Parasites			
Tertian	41	2	
Total	175	62	
Grand Total		237	
Blood counts 20.			

There has been 189 positive cases of Cholera on which post mortems have been held.

The City water supply has been repeatedly examined at various points for cholera spirilla, but so far these organisms have not been found present therein.

ANALYSES.

Urines		41
Cow's Milk		1
Colors	For Custom House	11
Brass Buttons	For Custom House	1
Bronze Powder	For Custom House	1
Metal Spoon	For Custom House	1
Gastric Juice		1
Total		57

*Note.—The trade name "Benzozone" has been changed to "Acetozone."

REPORT OF HOUSES INSPECTED AND REPAIRS ORDERED

Under the Direction of Mr. H. D. Osgood, Assistant Sanitary Engineer, Board of Health, for April, 1902.

Houses inspected	
Houses ordered to make repairs	
Houses on which repairs were started	
Houses on which repairs were completed	
Houses condemned by the Municipal Board, by request of the Board of Health	
Houses destroyed	

General Inspection of Houses, Premises, Vaults, etc., with Improvements Ordered, Disinfected, Whitewashed, Cleaned, etc., By Medical Inspectors, Chief Sanitary Inspectors, and Sanitary Inspectors, for the Month of April, 1902.

Houses inspected by the Chief Sanitary Inspectors	306	Cesspools and vaults ordered cleaned	672
Houses reinspected for verification of work ordered	201	Cesspools cleaned	672
Houses inspected by Sanitary Inspectors	10087	Yards ordered cleaned	319
Houses reinspected by Sanitary Inspectors	8421	Yards cleaned	300
Houses ordered cleaned	452	Yards ordered repaired (repaved, etc.)	157
Houses cleaned	320	Yards repaired	36
Houses ordered whitewashed and painted	69	Licenses inspected	81
Houses whitewashed and painted	14	Licenses approved	62
Houses disinfected	319	Licenses disapproved	19
Houses in which traps are set	526	Loads of night soil removed	171
Houses in which bane is placed	431	Gallons of night soil removed	85500
No. of houses where garbage has not been removed for 2 days		Houses cleaned by laborers	
No. of persons reported sick to Municipal Physician	134	Cartloads of dirt removed from houses	

Report of Inspections of Nipa Houses, Pursuant to Ordinance No. 12 of the Municipal Board of the City of Manila, by Capt. Fred. M. Barney, Medical Inspector, April, 1902.

1	Houses where bamboo or wooden floors were ordered raised one metre above the ground;		
2	Houses where the side walls and all other obstructions were ordered removed from under the floor;		
3	Houses recommended to be removed on account of proximity to other buildings, or on account of insanitary or dilapidated condition:		
4	Total Number nipa houses inspected during the month:		

A.—Number of water closets found in inspected nipa houses: 5

B.—Number of garbage cans in use in inspected nipa houses: 1

METEOROLOGICAL DATA

DEDUCED FROM HOURLY OBSERVATIONS

FOR MONTH OF APRIL, TAKEN FROM "OBSERVATORIO CENTRAL DE MANILA."

Date	Barometer (*)		Temperature						Relative humidity	Wind						Sunshine		Rainfall	
	Mean		Mean		Maximum		Minimum			Prevailing direction	Total daily motion		Maximum						
													Force		Direction				
March	Inches	mm.	C	F.	C.	F.	C	F.	Mean		Km.	Miles	Km.	Miles		H.	m.	Inches	mm.
1	29.963	761.06	27.9	82.2	33.9	93.1	21.4	70.6	66.7	NE.	144	89	21	13	NE.	8	30		
2	29.941	60.47	28.5	83.3	34.3	93.8	23.7	74.6	64.3	E.	264	164	29	18	E.	9	10	0.004	0.1
3	29.908	59.66	27.2	81.0	32.7	90.8	20.6	69.0	60.5	E.	296	184	34	21	E.	9	55		
4	29.918	59.89	26 6	79.9	30.4	86.7	20.6	69.0	71.8	E.	198	123	23	14	E.	4	15		
5	29.923	60.03	28.4	83.1	34.2	93.6	22.9	73.2	69.8	ESE.	268	167	28	18	ESE.	10	20	0.008	0.2
6	29.929	60.17	28.0	82.4	34.4	94.0	21.5	70.7	63.5	ESE.	219	136	28	18	SE.	10	20		
7	29.916	59.84	27.8	82.0	33.7	92.6	21.5	70.7	65.1	SE.	258	160	31	19	SE.	10	00		
8	29.880	59.94	27.7	81.9	34.4	93.9	20 2	68.4	61.5	SE.	157	98	14	9	W.	11	05		
9	29.904	59.56	27.3	81.1	33.9	93.0	18.7	65.6	64.5	W.	154	96	21	13	SW.	11	15		
10	29.911	59.72	28.0	82.4	33.2	91.8	21.8	71.2	74.0	W.	166	103	22	14	SW. by W.	10	20		
11	29.924	60.04	28.1	82.6	33 4	92.2	23.7	74.6	72.1	ESE.	222	138	22	14	SE. by E.	6	30		
12	29.928	60.16	27.7	81.9	30.8	87.5	24.1	75.3	72.6	variable	106	66	16	10	NW.	2	05		
13	29.934	60.31	27.9	82.2	34.6	94.2	22.1	71.7	73.9	E.	176	109	22	14	E.	8	00		
14	29.969	61.21	28.6	83.5	34.6	94.3	22.9	73.3	66.8	ENE.	250	155	26	16	ESE.	9	10	0.059	1.5
15	29.982	61.52	25.6	78.1	27.7	81.8	22.8	73.1	90.4	NE, NNE	94	58	11	7	NNE.	0	00	0.118	3.0
16	29.930	60.20	27.5	81.5	33.4	92.2	22.7	72.8	82.2	variable	178	111	23	14	SE.	8	10	0 024	0.6
17	29.867	58.60	28.1	82.6	34.3	93.7	22.6	72.7	71.9	ESE.	314	195	27	17	SE.	10	10		
18	29.878	58.90	28.5	83.3	35.5	95.9	22.3	72.2	67.1	ESE.	284	176	25	16	ESE.	10	10		
19	29 907	59.63	28.5	83.3	34.3	93 8	21.0	69.8	62.7	ESE.	338	210	34	21	ESE.	9	30		
20	29.916	59 86	28.4	83.1	33.4	92.2	22.9	73.3	68.9	ESE.	282	175	31	19	SE.	10	30		
21	29.883	59.03	28.5	83.3	34.7	94.5	22 7	72.9	64.3	ESE.	309	192	28	18	SE.	11	05		
22	29.878	58.88	28.6	83.5	34.7	94.5	21.7	71.0	62.6	E.	308	191	30	19	SE.	9	00		
23	29.890	59.20	29.4	84.9	34.9	94.8	24.8	76.7	63.4	SE.	338	210	32	20	SE.	10	25		
24	29.889	59.18	28.6	83.5	34.7	94.5	22.0	71.6	67.1	SE.	270	168	29	18	SSE.	11	10		
25	29.883	59.02	28.9	84.0	35.7	96.2	21.6	70.9	61.3	ESE.	281	175	30	19	SSE.	11	10		
26	29.874	58.78	28.8	83.8	35.0	95.0	21.7	71.0	64.5	variable	233	145	20	12	W.	10	20		
27	29.885	59.07	29.4	84.9	33.4	92.2	24.6	76.3	70.3	ESE.	250	155	23	14	E.	9	40		
28	29.916	59.86	28.7	83.7	33.9	93.1	23.3	73.9	69.2	ESE.	226	140	24	15	E.	9	00		
29	29.919	59.92	27.3	81.1	33.2	91.8	23.4	74.2	79.4	ESE.	216	134	22	14	ESE.	3	10	0.071	1.8
30	29.901	59.47	28.1	82.6	33.8	92.8	22.3	72.1	68.0	E.	269	167	27	17	E.	8	10		
Mean	29.912	759.77	28.1	82 6	33.7	92.7	22.3	72.1	68.7		235.6	146.3	25.1	15.7		8	45		
Total											**7068**	**4390**				262	35	0.284	7.2

(*) Corrected for instrumental error and for temperature, and reduced to sea-level. Correction to standard gravity, -1.72 mm. (—0.068 inch)

MONTHLY REPORT

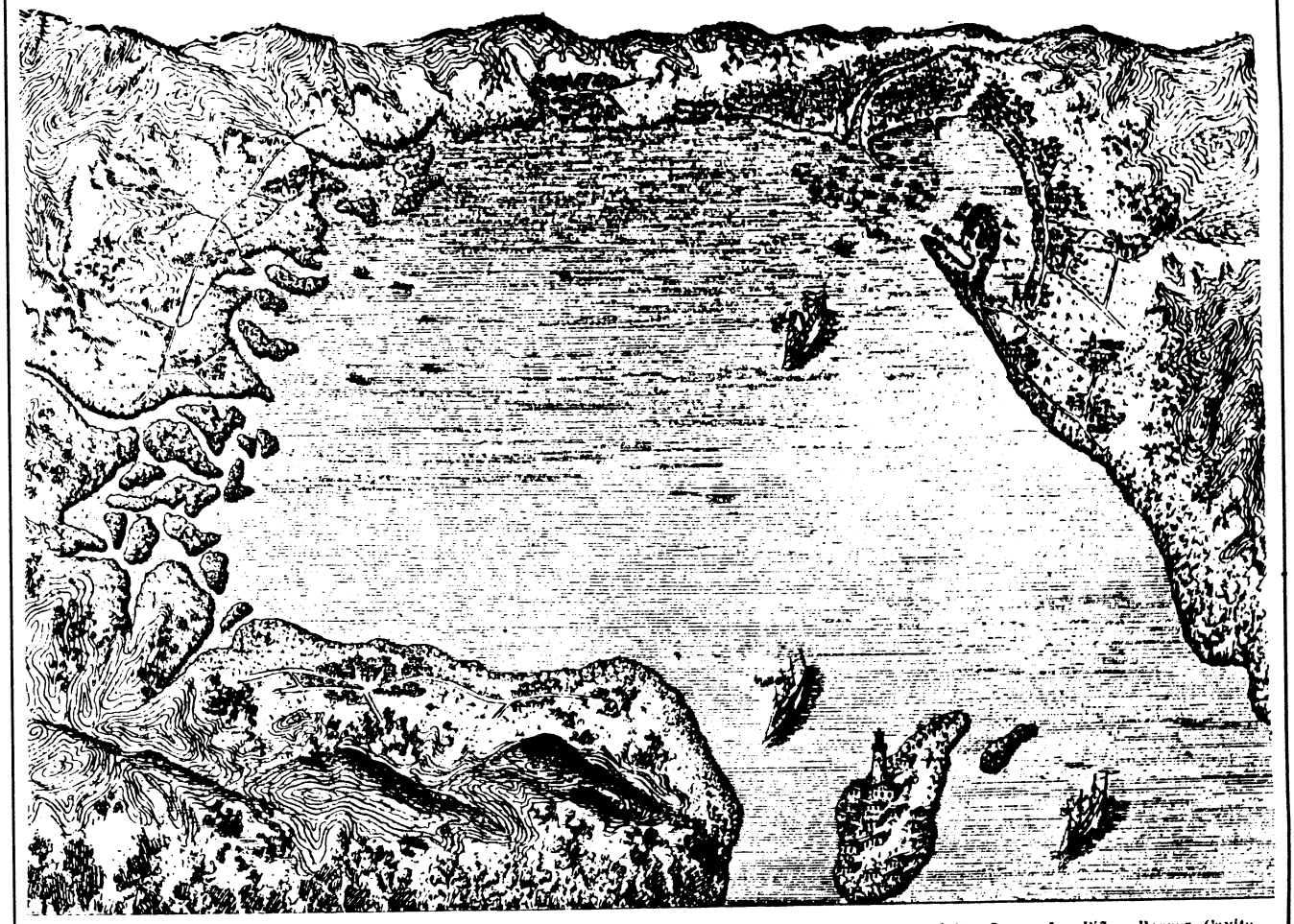
OF THE

Board of Health for the Philippine Islands

AND

CITY OF MANILA.

To the Honorable DEAN C. WORCESTER, Secretary of the Interior.



BAY OF MANILA—Showing the city, Cavite, and Cavite Bay. On the left of Manila will be noted Parañaque, Las Piñas, Bacoor, Cavite Viejo, San Francisco de Malabon, and Imus; on the right, Bacolor and Balanga; at the entrance of bay, Corregidor and Caballo Islands.

BOARD OF HEALTH.

LIEUT. COL. L. M. MAUS, M. D., U. S. Army, Commissioner of Public Health.

FRANK S. BOURNS, M. D.,
Chief Health Inspector.

C. M. MEAD, B. S.,
Sanitary Engineer.

P. C. FREER, M. D., Ph. D.,
Superintendent of Government Laboratories.

MANUEL GOMEZ MARTINEZ, M. D.,
Secretary.

MAY, 1902.

DEPARTMENT OF THE INTERIOR.

BUREAU OF PUBLIC HEALTH FOR PHILIPPINES.

OFFICE OF THE COMMISSIONER.

MANILA, P. I., *June 15, 1902.*

SIR: I have the honor to submit herewith the report of the Board of Health for the Philippine Islands and city of Manila for the month of May, 1902.

Mortality During the Month, with Death and Birth Rates.—Fifteen hundred and forty-seven deaths occurred among the permanent residents of the city of Manila, and 112 among the transients. Four hundred and forty-five cases of the total resulted from Asiatic cholera, and these deaths were divided as follows, in regard to nationality: Filipinos, 382; Chinese, 48; Americans, 13; Europeans and others, 2. The average death rate amounted to 65.81 to the thousand, and was divided among the various nationalities as follows: Filipinos, 83.24; Americans, 27.34; foreign, 24.01; Chinese, 14.56.

Two hundred and thirty-one births occurred during the month; 222 among the Filipinos, 4 among the Americans, 4 among Europeans and others, and 1 among the Chinese.

The deaths during the month resulted principally from the following prominent causes: Cholera, 445; convulsions of children, 288; eclampsia, 107; tuberculosis, 103; bronchitis (acute and chronic), 98; beri-beri, 71; enteritis (acute and chronic), 52; malaria (acute and chronic), 50; meningitis (acute and chronic), 50; dysentery (of all forms), 46; senile debility, 29; tetanus, 24; cerebral hemorrhage, 19; grippe, 18; typhoid fever, 13; rheumatism, 10; smallpox, 5; cancer, 2; leprosy, 1; rabies, 1.

The mortality for the month, 1,547, is practically double the monthly mortality during normal times. After subtracting 445 deaths which occurred during the month from cholera, there remains a balance of 1,102 deaths, which would indicate that about 300 more casualties have occurred from ordinary diseases, or that a certain number of deaths from cholera have been falsely certified to. As a large number of the cholera cases are found dead, and diagnosticated after death, it is possible that certificates have been given by some of the native physicians without making a thorough examination of the body or reporting the case to the Board of Health. It is also believed that certificates have been issued by certain physicians in the city designedly to conceal the cause of death, at the request of the relatives of the deceased. The statistics very strongly lead one to believe that cases have been falsely diagnosticated intentionally in quite a number of instances; for example, eclampsia is credited with 107 deaths, while the mortality from this condition during normal times ordinarily averages 40; beri-beri is credited with 71 deaths, when the mortality usually amounts to from 30 to 40; simple meningitis is credited with 50 deaths, where the usual mortality averages about 25; bronchitis is credited with 98 deaths, while it usually averages about 40; the casualties from tuberculosis are reported at 104, while usually the deaths from this cause amount to about 50. In order, in the future, to prevent the rendering of false certificates, through design or ignorance, the Board of Health passed a resolution, at a meeting held June 17, to the following effect: That no certificate of death be given for the interment of any body in the city of Manila during the existence of cholera until the cause of death has been ascertained by a member of the Board of Health or one of its agents, and that any physician in the city of Manila, head of a family, or other responsible person, who has charge of a case of infectious disease, without reporting the same to the Board of Health in accordance with City Ordinance No. 4, enacted December 16, 1901, or Regulation No. 2 of the Board of Health, issued April 10, 1902, shall be prosecuted. Furthermore, it was resolved at this meeting that one peso should be given to any person, not employed by the Board of Health, for reporting a case of cholera to the medical inspector of the district.

From May 15 to June 15, 360 cases of cholera have occurred in the city of Manila, resulting in 303 deaths. From the 18th of May to the 7th of June there was a great diminution of cases in the city, and a general disappearance of the disease for a limited time. On account of this considerable decrease, it was deemed advisable by the Board of Health to raise the quarantine around the city of Manila and restore both passenger and business traffic to ports in the Laguna and Bay of Manila, as well as the provinces north of the city lying on the railroad. A large number of sanitary inspectors, both American and native, were also discharged during the month of May, and the daily expenses reduced from two to three thousand dollars gold per day. In view of the present increase in the city, the sanitary forces are being gradually increased, and quarantine reestablished against certain infected sections in the vicinity of Manila.

Cholera in the Provinces.—Cholera has almost disappeared from the Provinces of Bataan, Bulacan and Pampanga. From last reports, not more than half a dozen cases were noted in these three provinces. The Province of Bataan was placed under the charge of Capt. F. W. Dudley, assistant surgeon, U. S. Volunteers; Bulacan, under Maj. R. H. Zauner, surgeon, U. S. Volunteers, and Pampanga, under the charge of Capt. C. F. de Mey, assistant surgeon, U. S. Volunteers. The work performed by these three officers is highly praiseworthy. They deserve great credit for securing the cooperation of the natives and suppressing cholera in these provinces. No complaints by the natives have been received from these provinces against the measures taken by these three officers. Experience has taught us that more can be accomplished in eradicating cholera from provincial towns by enlisting the aid of the natives than by instituting forceful and arbitrary measures.

Cholera had not reached the various ports in the Laguna de Bay previous to opening the ports, which occurred May 1, 1902. Since that time it has sprung up in a number of pueblos around the margin of the lake, and appeared very seriously in the towns

of Santa Cruz, Pagsanjan, Calamba, and Biñan, where it is believed to have been introduced by troops. Maj. Isaac W. Brewer, surgeon, U. S. Volunteers, was sent to Santa Cruz, and Dr. H. E. Winslow, to Calamba. Splendid results have been secured in each of these pueblos since the arrival of these officers. Biñan, in the Province of Laguna, has suffered more than any other pueblo in the Archipelago, in proportion to its population. The town is supposed to contain about 10,000 inhabitants, and up to the present date has lost 671 from that disease alone. From reports received from that town it is believed that the natives have rendered no assistance to the military authorities in charge of the epidemic, and have persisted in concealing their cases from the authorities. The following is a list of cases which have occurred in the various provinces from the 15th of May to the 15th of June:

Province.	Cases.	Deaths.
Cavite	141	103
Rizal	214	152
Bataan	214	139
Pampanga	163	105
Camarines	53	41
Nueva Ecija	53	41
Batangas and Isle de Verde	201	144
Pangasinan	27	22
Laguna	854	668
Leyte	58	55
Bulacan	134	87
Tayabas	5	5
Samar	2	2
Mindoro	1	1
Total	2,120	1,565

Owing to the epidemic, the Board of Health has had little time to devote to other matters apart from the sanitary condition of the city of Manila.

Respectfully submitted.

L. M. MAUS,
Lieut. Col., Deputy Surgeon-General, U. S. A.,
Commissioner of Public Health.

To the HONORABLE SECRETARY OF THE INTERIOR, *Manila, P. I.*

Population of Manila.

Filipinos	223,900
Chinese	60,680
Foreigners	7,852
Americans	9.722
Total	302,154

Deaths Occurring During the Month of May.

Filipinos	1,582
Chinese	75
Foreigners	16
Americans	15
Total	1,688

Annual Death Rate per Thousand for the Month.

Filipinos	83.24
Chinese	14.56
Foreigners	24.01
Americans	18.16
Average	65.81

Births Reported in May.

Filipinos	222
Chinese	1
Foreigners	4
Americans	4
Total	231

Annual Birth Rate per Thousand for the Month.

Filipinos	11.68
Chinese	0.19
Foreigners	6.00
Americans	7.29
Average	9.00

Summary of Statistics of Births and Deaths.

Population, census estimated Health Department	302,154
Mortality for the month of May	1,688
Annual death rate per 1,000 for month of May	65.81
*Births reported	231
Annual birth rate (based on reports)	9.00

*Incomplete.

Deaths by Age.

Under 30 days	99
30 days to 1 year	466
1 year to 2 years	71
2 years to 5 years	57
5 years to 10 years	62
10 years to 15 years	48
15 years to 20 years	73
20 years to 25 years	113
25 years to 30 years	177
30 years to 40 years	233
40 years to 50 years	111
50 years to 60 years	110
60 years to 70 years	65
70 years to 80 years	53
80 years to 90 years	28
90 years to 100 years	17
100 years to 110 years	4
100 years to 120 years	3
140 years	1
Unknown	9
Total	1,800

Stillbirths, 25. Of the grand total of 1,800 deaths, 112 were those of transients, while 1,688 were permanent residents of Manila.

Deaths by Districts.

Walled City	84
Binondo	111
San Nicolas	207
Tondo	438
Santa Cruz	225
Quiapo	106
Sampaloc	138
San Miguel	53
Paco	110
Ermita	42
Malate	36
Pandacan	97
Transient residents	112
Santa Ana	25
Unknown	16
Total	1,800

25 of above were stillbirths.

Number of deaths with medical attendance	1,003
Number of deaths without medical attendance	722
Number of deaths, Chinese	75
Total	1,800

25 of above were stillbirths.

CAUSES OF DEATHS FOR THE MONTH OF MAY, 1902.

(STILLBIRTHS NOT INCLUDED.)

	NOMENCLATURE DESIGNED FOR THE STATISTICS OF DEATH.	NOMENCLATURA PARA LAS ESTADÍSTICAS DE DEFUNCIONES.	Americans.		Europeans.		Filipinos.		Chinese.		Total.
			M.	F.	M.	F.	M.	F.	M.	F.	
	I.	**I.**									
	General Diseases.	**Enfermedades Generales.**									
1	Typhoid fever (abdominal typhus)	Fiebre tifoidea				1	6	6			13
2	Exanthematic typhus	Tifus exantemático									
3	Recurrent fever	Fiebre recurrente									
4	Intermittent fever, and malarial cachexia	Fiebre intermitente					25	14			39
4a	Malarial cachexia	Caquexia palúdica					3	7	1		11
5	Variola	Viruelas	1				3	1			5
6	Measles	Sarampión									
7	Scarlatina	Escarlatina									
8	Whooping cough	Tos ferina									
9	Diphtheria and croup	Difteria y crup					1	1			2
9a	Diphtheria	Difteria									
10	Grippe	Gripe					8	10			18
11	Miliary fever	Fiebre miliar									
12	Asiatic cholera	Cólera asiático	13		1	1	242	140	48		445
13	Cholera, nostras	Cólera nostras									
14	Dysentery	Disenteria	1				23	20	2		46
14a	Epidemic dysentery	Disenteria epidémica									
15	Plague	Peste									
16	Yellow fever	Fiebre amarilla									
17	Leprosy	Lepra					1				1
18	Erysipelas	Erisipelas			1						1
19	Other epidemic affections (beri-beri)	Otras afecciones epidémicas (beri-beri)					39	30	2		71
20	Purulent infection and septicæmia	Infección purulenta y septicemia					1	1			2
21	Glanders and farcy	Muermo y lamparones									
22	Malignant pustule and anthrax	Pústula maligna y antrax									
23	Rabies	Rabia					1				1
24	Actinomycosis, trichinosis, etc	Actinomicosis, trichinosis, etc									
25	Pellagra	Pelagra									
26	Tuberculosis of larynx	Tuberculosis de la laringe					1				1
27	Tuberculosis of lungs	Tuberculosis del pulmón					43	52	4		99
28	Tuberculosis of meninges	Tuberculosis de las meninges					2	1			3
29	Tuberculosis of abdomen	Tuberculosis abdominal					1				1
30	Pott's disease	Mal de Pott									
31	Cold abscess and abscess by congestion	Abscesos fríos y por congestión					1				1
32	White swellings	Tumores blancos									
33	Tuberculosis of other organs	Tuberculosis de otros órganos									
34	Generalized tuberculosis	Tuberculosis generalizada					1				1
35	Scrofula	Escrófula					1	1			2
36	Syphilis	Sífilis									
37	Gonorrhea of the adult	Blenorragia en los adultos									
38	Gonococcic infections of children	Afecciones gonocócicas en los niños									
39	Cancer and other malignant tumors of the bucal cavity.	Cáncer ú otros tumores malignos en la cavidad bucal									
40	Cancer and other malignant tumors of the stomach and liver.	Cáncer ú otros tumores malignos del estómago é hígado.				1					1
41	Cancer and other malignant tumors of Peritoneum, intestines and rectum	Cáncer ú otros tumores malignos del peritoneo, intestinos y recto.									
42	Cancer and other malignant tumors of the female genitals.	Cáncer ú otros tumores malignos de los órganos genitales de la mujer.									
43	Cancer and other malignant tumors of the breast	Cáncer ú otros tumores malignos de la mama									
44	Cancer and other malignant tumors of the skin	Cáncer ú otros tumores malignos de la piel									
45	Cancer and other malignant tumors of other organs and organs not specified.	Cáncer ú otros tumores malignos en otros órganos					1				1
46	Other tumors (tumors of the female genitals excepted)	Otros tumores (exceptuándose los de los órganos genitales de la mujer).									
47	Acute articular rheumatism	Reumatismo articulas agudo					2				2
48	Chronic rheumatism, and gout	Reumatismo crónico y gota					1	8	1		10
49	Scurvy	Escorbuto									
50	Diabetes	Diabetes									
51	Exophthalmic goiter	Bocio exoftálmico									
52	Addisson's disease	Enfermedad broncada de Addison									
53	Leukæmia	Leucemia						1			1
54	Anæmia, chlorosis	Anemia, clorosis			1		2	3	2		8
55	Other general diseases	Otras enfermedades generales						1			1
56	Acute alcoholism or chronic	Alcoholismo agudo ó crónico									
57	Lead-poisoning	Saturnismo									
58	Other poisonings incident to occupations	Otras intoxicaciones profesionales crónicas									
59	Other chronic poisonings	Otros envenenamientos crónicos									
	II.	**II.**									
	Diseases of the Nervous System and the Organs of Special Sense.	**Enfermedades del Sistema Nervioso y de los Organos de los Sentidos.**									
60	Encephalitis	Encefalitis					2	3			5
61	Simple meningitis	Meningitis simple					25	25			50
61a	Epidemic cerebro-spinal, meningitis	Meningitis cérebro-espinal epidémica									
62	Progressive locomotor ataxia	Ataxia locomotriz progresiva									
63	Other diseases of the spinal cord	Otras enfermedades de la médula espinal						1			1
64	Cerebral congestion and hemorrhage	Congestión y hemorragia cerebrales			1		10	7	1		19
65	Cerebral softening	Reblandecimiento cerebral					1	3			4
66	Paralysis without apparent cause	Parálisis sin indicación de causa									
67	General paralysis	Parálisis generales					1	6			7

	NOMENCLATURE DESIGNED FOR THE STATISTICS OF DEATH.	NOMENCLATURA PARA LAS ESTADISTICAS DE DEFUNCIONES.	Americans.		Europeans.		Filipinos.		Chinese.		Total.
			M.	F.	M.	F.	M.	F.	M.	F.	
	II. Diseases of the Nervous System and the Organs of Special Sense—Cont'd.	**II.—Enfermedades del Sistema Nervioso y de los Organos de los Sentidos—Cont'd.**									
68	Other forms of insanity	Otras formas de alienación mental									
69	Epilepsy	Epilepsia					1				1
70	Eclampsia (nonpuerperal)	Eclampsia (no puerperal)					59	48			107
71	Convulsions of children	Convulsiones en los niños					155	132	1		288
72	Tetanus	Tétano					13	10	1		24
73	Chorea	Corea									
74	Other diseases of the nervous system	Otras enfermedades del sistema nervioso					6	4			10
75	Diseases of the eye and its adnexa	Enfermedades de ojos y sus anexos									
76	Diseases of the ear	Enfermedades de los oidos									
	III.	**III.**									
	Diseases of the Circulatory System.	**Enfermedades del Aparato del Circulatorio.**									
77	Pericarditis	Pericarditis			1		1				2
78	Acute endocarditis	Endocarditis aguda			1		5	5			11
79	Organic disease of the heart	Enfermedades orgánicas del corazón			1	1	11	6			19
80	Angina pectoris	Angina de pecho					11	8	2		21
81	Affections of the arteries (atheroma, aneurism, etc.)	Afecciones de las arterias, etc					3	4	1		8
82	Embolus and thrombosis	Embolia y trombosis						3			3
83	Affections of the veins (varices, hemorrhoides, phlebitis).	Afecciones de las venas					1				1
84	Affections of the lymphatic system (lymphangitis, etc.).	Afecciones del sistema linfático									
85	Hemorrhages	Hemorragias					1				1
86	Other affections of the circulatory system	Otras afecciones del aparato circulatorio						1			1
	IV.	**IV.**									
	Diseases of the Respiratory System.	**Enfermedades del Aparato Respiratorio.**									
87	Diseases of the nasal fosse	Enfermedades de las fosas nasales									
88	Affections of the larynx	Afecciones de la laringe					3	4			7
89	Affections of the thyroid body	Afecciones del cuerpo tiroideo									
90	Acute bronchitis	Bronquitis aguda					28	33			61
91	Chronic bronchitis	Bronquitis crónica					12	23	2		37
92	Broncho-pneumonia	Bronco-pneumonía					2	1		1	4
93	Pneumonia	Pneumonía					1	4			5
94	Pleurisy	Pleuresía					3	1			4
95	Pulmonary congestion and apoplexy	Congestion y apoplegía pulmonares					5	1			6
96	Gangrene of the lungs	Gangrena del pulmón									
97	Asthma	Asma					1	2			3
98	Pulmonary emphysema	Enfisema pulmonar					1				1
99	Other diseases of the respiratory system (phthisis excepted).	Otras enfermedades del aparato respiratorio (exceptuándose la tísis).									
	V.	**V.**									
	Diseases of Digestive System.	**Enfermedades del Aparato Digestivo.**									
100	Affections of the mouth and its adnexa	Afecciones de la boca y de sus anexos									
101	Affections of the pharynx	Afecciones de la faringe					1				1
102	Affections of the esophagus	Afecciones del esófago									
103	Ulcer of the stomach	Ulcera del estómago						1			1
104	Other affections of the stomach (cancer excepted)	Otras afecciones del estómago (exceptuándose el cáncer).				1	5	11			17
105	Diarrhea and enteritis (under two years)	Diarrea y enteritis (en niños menores de dos años)				1	8	8			17
105a	Chronic diarrhea and enteritis	Diarrea y enteritis crónica					15	13	1		29
106	Diarrhea and enteritis (two years and over)	Diarrea y enteritis (en niños de dos ó más años)					3	3			6
107	Intestinal parasites	Parásitos intestinales						3			3
108	Hernias; intestinal obstructions	Hernias; obstrucciones intestinales									
109	Other affections of the intestines	Otras afecciones del intestinos						2			2
110	Acute yellow atrophy of the liver	Ictericia grave					2	1			3
111	Hydatid tumors of the liver	Tumores hidátidicos del hígado									
112	Cirrhosis of the liver	Cirrosis del hígado					1				1
113	Biliary calculi	Cálculos biliares					1				1
114	Other affections of the liver	Otras afecciones del hígado					4		1		5
115	Affections of the spleen	Afecciones del bazo									
116	Simple peritonitis (puerperal excepted)	Peritonitis simple (exceptuándose la puerperal)					1	5			6
117	Other affections of the digestive system (cancer and tuberculosis excepted).	Otras afecciones del aparato digestivo (exceptuándose el cáncer y tuberculosis).			1						1
118	Appendicitis and abscess of the iliac fossa	Apendicitis y flemón de la fosa iliaca					1				1
	VI.	**VI.**									
	Diseases of the Genito-Urinary System and its Adnexa.	**Enfermedades del Oparato Gènito Urinario y de sus Adnexos.**									
119	Acute nephritis	Nefritis aguda					2	4	1		7
120	Bright's disease	Mal de Bright				1	3	3		1	8
121	Other diseases of the kidneys and their adnexa	Otras enfermedades de los riñones y de sus anexos						1			1
122	Calculi of the urinary tract	Cálculos de las vías urinarias									
123	Diseases of the bladder	Enfermedades de la vegiga					3				3
124	Diseases of the urethra, urinary abscess, etc	Enfermedades de la uretra									
125	Diseases of the prostate	Enfermedades de la próstata									
126	Nonvenereal diseases of the male genital organs	Enfermedades no venereas de los órganos genitales del hombre.									
127	Metritis	Metritis									
128	Uterine hemorrhage (nonpuerperal)	Hemorragia uterina (no puerperal)									
129	Tumor, uterine (noncancerous)	Tumor uterino (no canceroso)									
130	Other diseases of the uterus	Otras enfermedades del útero						2			2
131	Cysts and other tumors of the ovary	Quistes y otras tumores del ovario									
132	Other diseases of the female genital organs	Otras enfermedades de los organos genitales de la mujer.									
133	Nonpuerperal diseases of the breast (cancer excepted).	Enfermedades no puerperales de la mama (exceptuándose el cáncer).									

	NOMENCLATURE DESIGNED FOR THE STATISTICS OF DEATH.	NOMENCLATURA PARA LAS ESTADÍSTICAS DE DEFUNCIONES.	Americans. M.	Americans. F.	Europeans. M.	Europeans. F.	Filipinos. M.	Filipinos. F.	Chinese. M.	Chinese. F.	Total.
	VII.	**VII.**									
	The Puerperal State.	**Estado Puerperal.**									
134	Accidents of pregnancy	Accidentes de la preñez						1			1
135	Puerperal hemorrhage	Hemorragia puerperal						4			4
136	Other accidents of labor	Otros accidentes del parto						1			1
137	Puerperal septicemia	Septicemia puerperal						10			10
138	Albuminuria and puerperal eclampsia	Albuminuria y eclampsia puerperales						2			2
139	Puerperal phlegmasia alba dolens	Flegmasia alba dolens puerperal									
140	Other puerperal accidents—sudden death	Otros accidentes puerperales—muerte repentina									
141	Puerperal diseases of the breast	Enfermedades puerperales de la mama									
	VIII.	**VIII.**									
	Diseases of the Skin and Cellular Tissues.	**Enfermedades de la Piel y del Tejido Celular.**									
142	Gangrene	Gangrena									
143	Furuncle	Forúnculo									
144	Warm-acute abscess	Abscesos calientes agudos									
145	Other diseases of the skin and its adnexa	Otras enfermedades de la piel									
	IX.	**IX.**									
	Diseases of the Organs of Locomotion.	**Enfermedades de los Órganos de la Locomoción.**									
146	Affections of the bones (nontuberculous)	Afecciones de los huesos(exceptuando la tuberculosis)									
147	Diseases of the joints (tuberculosis and rheumatism excepted).	Afecciones de las articulaciones (exceptuando la tuberculosis y el reumatismo).									
148	Amputation	Amputación									
149	Other affections of the organs of locomotion	Otras afecciones de los órganos de la locomoción									
	X.	**X.**									
	Malformations.	**Vicios de Conformación.**									
150	Congenital malformations (stillbirths excepted)	Vicios de conformación congénitos (exceptuándose los de niños nacidos muertos).						2			2
	XI.	**XI.**									
	Early Infancy.	**Primera Infancia.**									
151	Congenital debility icterus and sclerema	Debilidad congénita, ictericia y esclerema					6	3			9
152	Other special diseases of early infancy	Otras enfermedades especiales de la primera edad					3	1			4
153	Lack of care	Falta de cuidados									
	XII.	**XII.**									
	Old Age.	**Vejez.**									
154	Senile debility	Debilidad senil			1		12	16			29
	XIII.	**XIII.**									
	Affections Produced by External Causes.	**Afecciones Producidas por Causas Exteriores.**									
155	Suicide by poison	Suicidio por envenenamiento									
156	Suicide by asphyxia	Suicidio por asfixia									
157	Suicide by hanging or strangulation	Suicidio por suspensión ó por extrangulación									
158	Suicide by submersion	Suicidio por submersión									
159	Suicide by firearms	Suicidio por armas de fuego						1			1
160	Suicide by cutting instruments	Suicidio por instrumentos cortantes					1				1
161	Suicide by jumping from high place	Suicidio por dejarse caer desde un punto elevado									
162	Suicide by crushing	Suicidio por aplastamiento									
163	Other suicides	Otros suicidios									
164	Fractures	Fracturas							1		1
165	Dislocations	Luxaciones									
166	Other accidental traumatisms	Otros traumatismos accidentales					1				1
167	Burns	Quemaduras per el fuego									
168	Burning by corrosive substances	Quemaduras por substancias corrosivas									
169	Insolation	Insolación									
170	Freezing	Congelación									
171	Electrical shocks	Commoción eléctrica									
172	Accidental submersion	Submersión accidental					1				1
173	Inanition	Inanición					2	3			5
174	Inhalation of deleterious gases (suicide excepted)	Absorción de gases deletéreos									
175	Other acute poisonings	Otros envenenamientos agudos									
176	Other external violence	Otras violencias exteriores									
	XIV.	**XIV.**									
	Ill-defined Diseases.	**Enfermedades mal Definidas.**									
177	Dropsy	Hidropesía									
178	Sudden death	Muerte repentina						1			1
179	Unspecified or ill-defined causes of death	Causas de muerte no especificadas ó mal definidas					2	1			3
180	Unknown										
	Total		15		9	7	849	733	73	2	1688
	Grand total		15		16		1582		75		1688

Number of Deaths with Causes Occurring Among Transients in Manila During the Month of May. These Deaths Are not Included in Preparing Death Rate of City.

			Americans.		Foreigners.		Filipinos.		Chinese.		Total.
			M.	F.	M.	F.	M.	F.	M.	F.	
	I.	**I.**									
	General Diseases.	**Enfermedades Generales.**									
4	Intermittent fever	Fiebre intermitente					1				1
12	Cholera asiatic	Cólera Asiático	2		1	1	14	1			19
14	Dysentery	Disenteria	1				1				2
17	Leprosy	Lepra					8	1			9
19	Other epidemic affections (beri-beri)	Otras afecciones epidémicas (beri-beri)					26	6			32
27	Tuberculosis of lungs	Tuberculos de los pulmones					4	2			6
33	Tuberculosis of other organs	Tuberculos de otros órganos					1				1
54	Anæmia chlorosis	Anemia clorosis					1				1
	II.	**II.**									
	Diseases of the Nervous System and the Organs of Special Sense.	**Enfermedades del Sistema Nervioso, y otros Organos del Sentido Especial.**									
61	Meningitis, simple	Meningitis, simple					1				1
64	Cerebral congestion and hemorrhage	Congestion cerebral y hemorragia					2	3			5
69	Epilepsy	Epilepsia						1			1
70	Eclampsia (nonpuerperal)	Eclampsia no puerperal					1				1
71	Convulsions of children	Convulsiones infantiles					4	5			9
	III.	**III.**									
	Diseases of the Circulatory System.	**Enfermedades del Aparato Circulatorio.**									
79	Organic disease of the heart	Enfermedades organicas del corazon					2	2			4
80	Angina pectoris	Angina de pecho					2	2			4
81	Affections of the arteries (atheroma, etc.)	Afeccion de las arterias (ateroma)					1	1			2
	IV.	**IV.**									
	Diseases of the Respiratory System.	**Enfermedades del Sistema Respiratorio.**									
90	Acute bronchitis	Bronquitis aguda					1				1
97	Asthma	Asma						1			1
	V.	**V.**									
	Diseases of Digestive System.	**Enfermedades del Aparato Digestivo.**									
108	Hernias, intestinal obstructions	Hernias, obstrucciones intestinales					1				1
105	Diarrhea and enteritis (under 2 years)	Diarrea y enteritis (menores de 2 años)					1				1
105a	Diarrhea and enteritis, chronic	Diarrea y enteritis crónica					1				1
114	Other affections of the liver	Otras afecciones del higado			1						1
	VI.	**VI.**									
	Diseases of the Genito-Urinary System and its Adnexa.	**Enfermedades del Aparato Genito-urinario, y sus Anexos.**									
123	Diseases of the bladder	Enfermedades de la bejiga					1				1
	XI.	**XI.**									
	Early Infancy.	**Enfermedades de la Infancia.**									
151	Congenital debility, icterus and sclerema	Debilidad congenita, ictericia y esclerema						1			1
	XII.	**XII.**									
	Old Age.	**Vejez.**									
154	Senile debility	Debilidad senil					1	3			4
	XIII.	**XIII.**									
	Affections Produced by External Causes.	**Afecciones Producidas por Causas Externas.**									
173	Inanition	Inanicion					1				1
176	Other external violence	Otras violencias externas					1				1
	Total		3		2	1	77	29			112

Burials, May, 1902.

Cemeteries.	No.
Loma (Government)	391
Paco General (Government)	28
Santa Cruz	6
Balic-balic	170
Binondo	33
Tondo	450
Maytubig	54
Malate	82
Pandacan	98
Chinese	57
Crematory	402
Santa Ana	51
American National Cemetery	0
San Pedro Macati	2
A corpse transported to Binangonan	1
Total	1,825

25 of the above were stillbirths and 112 transient residents.

Crematories.

	MAY, 1902.		
	Paco.	Santa Cruz.	Total.
Cart loads of refuse consumed	543	734	1,277
Carcasses of native horses consumed	29	64	93
Carcasses of American horses consumed	24	8	32
Carcasses of mules consumed	11	2	13
Carcasses of carabaos consumed	6	23	29
Carcasses of cows consumed	2	11	13
Carcasses of dogs consumed	11	9	20
Carcasses of fowls consumed	35	166	201
Carcasses of cats consumed	12		12
Carcasses of rats consumed	15	840	855
Carcasses of pigs consumed	6	3	9
Carcasses of snakes consumed			

Number of loads of garbage dumped in suburbs 6,569
Number of loads of garbage dumped at sea 2,053

Comparative Mortality from May 1, 1901, to May 31, 1902.

Month.	1900.		1901.		1902.	
	No. deaths.	Annual death rate per 1,000.[1]	No. deaths.	Annual death rate per 1,000.[1]	No. deaths.	Annual death rate per 1,000.
January	1,055	50.65	753	36.22	760	[2] 30.46
February	884	47.08	689	36.69	706	[2] 30.81
March	887	42.62	885	42.67	770	[2] 30.02
April	805	40.02	886	44.04	1,327	53.46
May	732	35.21	903	43.44	1,688	65.81

[1] Death rate computed on population of 244,732 (Health Department's Census), stillbirths included.
[2] Death rate computed on population of 302,154; stillbirths not included.

Disinterments, May, 1902.

Paco Cemetery	15
Chinese Cemetery (for removal to China)	20
Malate	6
Santa Cruz	6
Binondo	1
Total	48

Veterinary Division.

WILLIAM W. RICHARDS, V. S., *City Veterinarian.*
JOHN G. SLEE, D. V. S., *Asst. City Veterinarian.*

On arrival in city:	
Number of cattle inspected	1,439
Number of hogs inspected	4,015
Number of carabaos inspected	24
Number of sheep inspected	1
Number of goats inspected	4
Number of horses inspected	262
Number of other animals inspected	6
In Government slaughterhouse:	
Number of cattle slaughtered	1,290
Number of hogs slaughtered	5,092
Number of sheep slaughtered	-----
Number of cattle condemned and cremated	-----
Number of hogs condemned and cremated	53
Number of horses condemned for glanders	8

Report of Prescriptions Filled at the Municipal Dispensary, Showing Districts, Sex, and Age of Persons to Whom Medicines Have Been Given During the Month.

Districts.	Americans.				Foreigners.				Filipinos.				Chinese.				Total.
	Adult.		Children.		Adult.		Children.		Adult.		Children.		Adult.		Children.		
	M.	F.	Boy.	Girl.	M.	F.	Boy.	Girl.	M.	F.	Boy.	Girl.	M.	F.	Boy.	Girl.	
Walled City																	8
Concepcion																	2
San Miguel																	20
Ermita																	25
Malate																	29
Paco																	209
Santa Ana																	2
Sampaloc																	183
Pandacan																	25
Quiapo																	59
Santa Cruz																	92
Binondo																	28
San Nicholas																	14
Tondo																	8
Total																	704

Report on Vaccination, City of Manila, During the Month of May, 1902.

	Children.			Adults.			Totals.			Grand totals.
	Filipinos.	Chinese.	Americans and foreigners.	Filipinos.	Chinese.	Americans and foreigners.	Filipinos.	Chinese.	Americans and foreigners.	
Walled City	117			407	276	17	524	276	17	817
Binondo	445	3		923	1,481	17	1,368	1,484	17	2,869
San Nicolas	370			797	2,585	25	1,167	2,585	25	3,777
Tondo	1,084			1,620	301	14	2,704	301	14	3,019
Santa Cruz	719			1,126	949	19	1,845	949	19	2,813
Quiapo	265		2	669	284	5	934	284	7	1,225
San Miguel	143			313	410	14	456	410	14	880
Sampaloc	288		1	805	288	99	1,093	228	100	1,421
Paco	510			330	65	7	840	65	7	912
Ermita	194			384	146	30	578	146	30	754
Malate	280			161	20		441	20		461
Pandacan	192			714	69		906	69		975
Santa Ana	116			258	25	4	374	25	4	403

RECAPITULATION.

Children	4,729
Adults	15,597
Total	20,326
Filipinos	13,230
Chinese	6,842
Americans and foreigners	254
Total	20,326

Vaccine Virus Issued During Month Ended May 28, 1902.

Vaccine Institute, SATURNINO ESPEJO, Director.

Army	12,160
Navy	11,200
Inhabitants of the Archipelago (excluding Manila)	20,675
Amount of vaccine virus sold to the public	205
Amount of vaccine virus used by public vaccinator	20,326
Total	64,566

Report of Sick and Wounded City Poor Attended by Municipal Physicians During the Month of May, 1902.

		Sex.		Children and young.		Nationality.								Total.	Cured.		Deaths.		Number of visits.
						Filipinos.		Chinese.		Foreigners.		Americans.							
		M.	F.	Boys.	Girls.	M.	F.	M.	F.	M.	F.	M.	F.		M.	F.	M.	F.	
R. PERRAMON	Walled City	24	30	12	5	36	35							71	27	17	4	4	217
	Concepcion	1	3	1		2	3							5	1	1	1	1	12
	San Miguel	30	16	3	3	33	19							52	23	16	3	1	207
C. MORA	Paco	86	100	34	42	120	142							262	89	96	15	17	601
	Ermita	23	22	11	10	34	32							66	22	16	5	7	144
	Malate	54	61	24	25	78	86							164	57	53	10	8	383
	Santa Ana																		
C. REYES	Quiapo	7	7	5	2	12	9							21	5	4	3	2	80
	Santa Cruz	21	17	5		22	17					4		43	14	10	3	1	177
F. CASTAÑEDA	Sampaloc	34	61	11	11	45	72							117	22	42	8	5	122
	Pandacan	8	13	1	1	9	14							23	5	8	1	1	44
S. V. DEL ROSARIO	Binondo																		
V. PANTOJA	Tondo	6	6	1	1	7	7							14	6	4		1	32
V. CAVANNA	San Nicolas	15	10	2	3	17	13							30	10	4		2	138
Total		309	346	110	103	415	459					4		868	291	271	53	51	2,157

Report of the Smallpox Hospital, City of Manila, for the Month Ended May 31, 1902.

	Remaining from last report.	Admissions during the month.	Total to be accounted for.	Discharged cured.	Died.	Otherwise disposed of.	Remaining in hospital.
Americans and Europeans	3	3	6	4	1		1
Chinese	1	1	2	1			1
Filipinos	10	5	15	12	3		
Total	14	9	23	17	4		2

Infectious Diseases Reported During the Month of May, 1902, by Districts.

	Walled City.	Binondo.	San Nicolas.	Tondo.	Santa Cruz.	Quiapo.	Sampaloc.	San Miguel.	Paco.	Ermita.	Malate.	Pandacan.	Total.
Typhoid fever													
Variola													
Measles													
Asiatic cholera													
Leprosy													
Tuberculosis of lungs													
Total													

Reports Received of Lepers Living in the Various Provinces of the Philippine Islands, to May 31, 1902.

Province.	Number of men.	Number of women.	Children and young.		Single.		Married.		Widower.	Widow.	Race.	Total.
			M.	F.	M.	F.	M.	F.				
Antique	92	37	2	2	38	28	43	4	12	5	Filipinos	133
Batangas	19	5			12	3	3	3	3		do	24
Bataan	10	4	1	1	5		3	2	2	2	do	16
Benguet	31	10	1	1	1		21	10	9		Igorrotes	43
Ambos Camarines	33	17	1	1	24	12	8	5	1		Filipinos	52
Bulacan	17	9	2	1	12	6	5	3			do	29
Ilocos Norte	45	28	5	2	9	10	31	8	5	10	do	80
Ilocos Sur	176	84	4	2	101	50	66	17	14	12	do	266
Leyte	49	38	1	3	26	27	20	7	3	4	do	91
Masbate	51	35	25	10	22	15	23	19	2	5	do	121
Cagayan	46	30		3	20	10	20	19	6	1	do	79
Lepanto	14	4	1		5	1	8		1	3	do	19
Cavite	17	5		3	16	3	1			2	do	25
Nueva Ecija	44	24			19	12	22	8	2	5	do	68
Negros Occidental	26	11	5	1	17	10	8	1	1		do	43
Pampanga	8	5	2		3	1	5	3	1		do	15
Pangasinan	120	80	2	3	36	28	65	38	19	14	do	205
Rizal	41	24	2		19	12	21	7	3	3	do	67
Marinduque	1	1	1			1	1				do	3
Laguna	1						1				do	1
San Lazaro	112	60	2	2	83	36	27	20	2	4	do	176
Tarlac	27	24	11	4	7	9	17	11	2	5	do	66
Sorsogon	75	33	1	1	33	17	40	10	3	3	do	110
Romblon	5	10			3	6	2	3	1		do	15
Samar	39	32	13	8	17	9	21	18	3	3	do	92
Union	43	28	3		15	14	24	12	4	2	do	71
Zambales	58	35	2		30	15	26	13	4	5	do	95
Mindanao	140	74	3	3	84	46	45	18	9	12	Moros	220
Cebú	125	74	2	2	108	59	17	14	1		Filipinos	203
Iloilo	231	66	11	2	113	37	94	9	24	20	do	310
Negros Oriental	66	42	6	2	27	23	32	14	7	5	do	116
Isabela de Luzon	18	4	1		3	1	10	3	5		do	23
Tayabas	1								1		do	1
Albay	68	33	1	1	30	18	27	10	11	5	do	103
Nueva Vizcaya	8	8	2		3		3	5	2	3	do	18
Abra	11	6			5	4	5	2	1		do	17
Bohol	20	24			11	13	7	10	2	1	do	44
Total	1,888	1,004	113	58	957	536	771	326	166	186		3,063

Report from Bureau of Government Laboratories, May, 1902.

Analyses.

Urines	33
Milks	4
Paints	8
Gastric juice	1
Salt	1
Waters	2
Spoons	2
Medicine	1
Cements	1
Total	53

1,884 capsules and 516 liters of benzozone solution were prepared.

Autopsies.

Asiatic cholera	171
Malaria	2
Typhoid fever	2
Malta fever	1
Beri-beri	2
Lobar pneumonia	1
Malaria—fatty degeneration of heart	1
Chronic endocarditis (mitral and aortic semi-lunar vegetations)	1
Chronic endocarditis (mitral and aortic tri-cuspid vegetations)	1
Perforating appendicitis—general peritonitis	1
Total	185

Diagnoses.

	Pos.	Neg.	Total.
Sputa for tuberculosis	12	20	32
Blood for Widal's reaction	0	6	6
Smears for gonococci	44	100	144
Feces:			
Ameba dysenteriæ	9		
Ameba coli	2		
Monads	5		
Strongylodies intestinalis	3		25
Ova uncinaria duodenale	1		
Ova trichocephalus dispar	4		
Ova ascaris lumbricoides	1		
Blood counts			10
For malarial parasites			26
Aestivo atumnal hyaline bodies	3		
Pigmented leucocytes	2		5
Total	86	126	148

Report of Houses Inspected and Repairs Ordered, under the Direction of Mr. H. D. Osgood, Assistant Sanitary Engineer, Board of Health, for May, 1902.

Houses inspected	165
Houses recommended repaired	73
Houses repaired	73
Houses recommended repaved	73
Houses destroyed, closets, cesspools, etc., recommended repaired	32

General Inspection of Houses, Premises, Vaults, etc., with Improvements Ordered, Disinfected, Whitewashed, Cleaned, etc., by Medical Inspectors, Chief Sanitary Inspectors, and Sanitary Inspectors, for the Month of May, 1902.

Houses inspected by the chief sanitary inspectors	7,650
Houses reinspected for verification of work ordered	1,890
Houses inspected by sanitary inspectors	262,500
Houses reinspected by sanitary inspectors	123,092
Houses ordered cleaned	32,556
Houses cleaned	31,242
Houses ordered whitewashed and painted	2,563
Houses whitewashed and painted	2,215
Houses disinfected	1,297
Houses in which traps are set	0
Houses in which bane is placed	0
Number of houses where garbage has not been removed for two days	227
Number of persons reported sick to municipal physician	623
Cesspools and vaults ordered cleaned	967
Cesspools cleaned	746
Yards ordered cleaned	7,371
Yards cleaned	5,682
Yards ordered repaired (repaved, etc.)	3,691
Yards repaired	2,213
Licenses inspected	540
Traps set	0
Plates with rat bane placed	0
Licenses disapproved	9
Loads of night soil removed	170
Gallons of night soil removed	85,000
Houses cleaned by laborers	12,263
Cart-loads of dirt removed from houses	176

Philippine Weather Bureau—Manila Central Observatory. Bulletin for May, 1902. Meteorological Data Deduced from Hourly Observations.

Date.	Barometer.[1] Mean.		Temperature. Mean.		Temperature. Maximum.		Temperature. Minimum.		Relative humidity, mean.	Wind. Prevailing direction.	Wind. Total daily motion.		Wind. Maximum. Force.		Wind. Maximum. Direction.	Sunshine.	Rainfall.	
	Inch.	mm.	°C.	°F.	°C.	°F.	°C.	°F.	Per ct.		Km.	Miles.	Km.	Miles.		H. m.	Inch.	mm.
1	29.894	759.30	28.8	83.8	35.3	95.6	22.0	71.6	65.2	E.	278	173	31	19	E. by S.	10 15		
2	29.914	59.81	28.5	83.3	33.5	92.3	22.4	72.3	70.4	ESE.	323	201	34	21	E. by S.	9 00	0.252	6.4
3	29.921	59.97	27.4	81.3	32.4	90.3	23.6	74.5	82.6	E.	180	112	29	18	ENE.	6 40	0.098	2.5
4	29.894	59.30	28.8	83.8	34.3	93.8	22.8	73.1	71.8	E., SE.	288	179	30	19	E.	9 50		
5	29.874	58.77	28.7	83.7	34.9	94.9	23.7	74.6	73.0	Variable.	208	129	23	14	SE. by E.	6 10		
6	29.878	58.90	28.8	83.8	34.9	94.9	22.7	72.8	68.8	SE.	294	183	30	19	SE.	10 25		
7	29.870	58.69	29.0	84.2	36.0	96.8	22.1	71.7	65.3	SE.	300	186	24	15	SE.	11 10		
8	29.864	58.52	29.5	85.1	36.1	97.0	23.2	73.7	62.7	SE.	264	164	19	12	SE.	10 50		
9	29.860	58.43	29.2	84.6	34.4	93.9	22.6	72.7	70.6	Variable.	253	157	26	16	WSW.	10 40		
10	29.855	58.30	29.7	85.5	33.2	91.7	24.4	76.0	73.9	WSW.	286	178	26	16	WSW.	10 00		
11	29.874	58.77	29.3	84.7	32.7	90.9	24.8	76.7	78.5	SW.	260	162	26	16	SW. by W.	7 25	0.075	1.9
12	29.883	59.03	29.2	84.6	32.6	90.6	24.1	75.4	77.6	WSW.	243	151	28	18	SW.	10 20		
13	29.904	59.55	29.4	84.9	35.1	95.2	24.7	76.4	75.4	WSW.	157	98	14	9	SE.	5 00		
14	29.918	59.90	28.1	82.6	32.9	91.3	23.8	74.8	81.9	WSW.	136	85	21	13	WSW.	6 30	0.039	1.0
15	29.895	59.33	28.8	83.8	32.7	90.8	22.8	73.0	78.8	WSW.	255	158	28	18	SW. by W.	10 20		
16	29.913	59.78	29.0	84.2	32.9	91.3	23.3	74.0	78.4	WSW.	268	167	26	16	WSW.	10 45	0.126	3.2
17	29.924	60.05	28.9	84.0	34.1	93.4	23.1	73.6	74.2	Variable.	207	129	16	10	W.	7 10		
18	29.885	59.08	29.4	84.9	34.3	93.7	23.2	73.7	71.1	WSW.	156	97	14	9	WSW.	8 45	0.016	0.4
19	29.781	56.42	28.7	83.7	33.1	91.5	24.0	75.2	78.0	W.	322	200	32	20	W.	7 55	0.500	12.7
20	29.713	54.70	30.0	86.0	32.3	90.2	25.0	77.9	69.3	WNW.	676	420	46	29	W. by N.	5 50		
21	29.744	55.49	27.9	82.2	30.8	87.5	24.0	75.2	82.1	W.	506	314	34	21	WNW.	0 25	0.189	4.8
22	29.800	56.91	27.5	81.5	30.4	86.8	23.8	74.8	84.8	W.	272	169	35	22	SW.	3 55	0.138	3.5
23	29.844	58.03	28.5	83.3	31.5	88.7	23.2	73.8	81.6	WSW.	282	175	32	20	WSW.	9 30	0.154	3.9
24	29.876	58.82	28.6	83.5	31.5	88.7	24.2	75.6	81.2	WSW.	336	209	32	20	WSW.	6 10		
25	29.870	58.67	28.5	83.3	31.5	88.7	23.3	74.0	80.4	WSW.	292	181	31	19	W. by S.	8 00		
26	29.858	58.37	29.0	84.2	32.1	89.7	23.2	73.8	80.1	WSW.	250	155	28	18	WSW.	10 45		
27	29.866	58.58	29.2	84.6	32.8	91.1	24.7	76.5	80.0	W., WSW.	213	132	22	14	WSW.	7 35		
28	29.872	58.73	28.8	83.8	34.3	93.8	23.9	75.1	78.3	Variable.	162	101	14	9	W.	7 50	0.004	0.1
29	29.883	59.03	28.2	82.8	32.2	90.0	23.2	73.8	80.2	Variable.	154	96	21	13	NW.	6 05		
30	29.845	58.06	28.6	83.5	32.9	91.2	23.1	73.5	77.3	W.	222	138	19	12	W.	9 30	0.004	0.1
31	29.791	56.67	28.5	83.3	32.6	90.7	24.1	75.4	79.7	Variable.	214	133	18	11	SW.	7 55	0.429	10.9
Mean	29.863	758.51	28.8	83.8	33.2	91.8	23.5	74.3	75.9		266.4	165.5	26.1	16.3		8 09		
Total											8257	5132				252 40	2.024	51.4

[1] Corrected for instrumental error and for temperature, and reduced to sea level. Correction to standard gravity, —1.72mm (—0.068 inch).

GENERAL LIBRARY,
UNIV. OF MICH.
NOV 17, 1902

MONTHLY REPORT

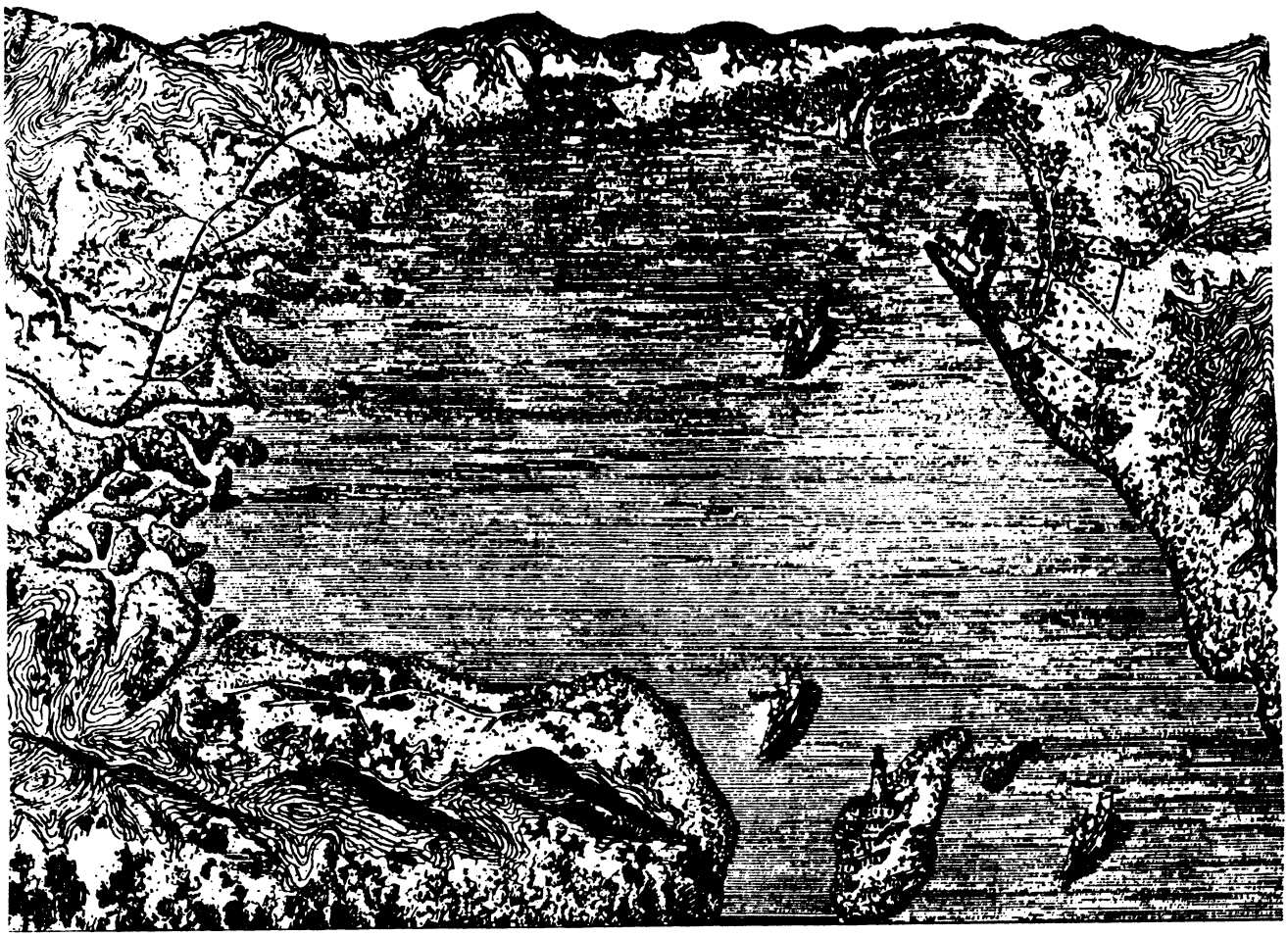
OF THE

Board of Health for the Philippine Islands

AND

CITY OF MANILA.

To the Honorable DEAN C. WORCESTER, Secretary of the Interior.



BAY OF MANILA—Showing the city, Cavite, and Cavite Bay. On the left of Manila will be noted Parañaque, Las Piñas, Bacoor, Cavite Viejo, San Francisco de Malabon, and Imus; on the right, Bacolor and Balanga; at the entrance of bay, Corregidor and Caballo Islands.

BOARD OF HEALTH.

COLONEL L. M. MAUS, M. D., U. S. Army, Commissioner of Public Health.

P. C. FREER, M. D., Ph. D.,
Superintendent of Government Laboratories.

MANUEL GOMEZ MARTINEZ, M. D.,
Secretary.

JUNE, 1902.

LETTER OF TRANSMITTAL.

OFFICE OF THE BOARD OF HEALTH
FOR THE PHILIPPINE ISLANDS AND CITY OF MANILA,
Manila, P. I., July 15, 1902.

SIR: I have the honor to submit herewith the report of the Board of Health for the Philippine Islands and City of Manila for the month of June, 1902.

Very respectfully,

MANUEL GOMEZ,
Secretary of the Board of Health.

To the HONORABLE SECRETARY OF THE INTERIOR,
Manila, P. I.

Population of Manila.

Filipinos	223,900
Chinese	60,680
Foreigners	7,852
Americans	9,722
Total	302,154

Deaths Occurring During the Month of June.

Filipinos	1,342
Chinese	55
Foreigners	7
Americans	14
Total	1,418

Annual Death Rate per Thousand for the Month.

Filipinos	73.02
Chinese	11.03
Foreigners	10.85
Americans	17.53
Average	57.13

Births Reported in June.

Filipinos	196
Chinese	
Foreigners	3
Americans	1
Total	200

Annual Birth Rate per Thousand for the Month.

Filipinos	10.65
Chinese	
Foreigners	4.65
Americans	1.25
Average	8.05

Summary of Statistics of Births and Deaths.

Population, census estimated, Health Department	302,154
Mortality for the month of June	1,418
Annual death rate per 1,000 for month of June	57.13
*Births reported	200
Annual birth rate (based on reports)	8.05

*Incomplete.

Deaths by Age.

Under 30 days	78
30 days to 1 year	309
1 year to 2 years	54
2 years to 5 years	96
5 years to 10 years	52
10 years to 15 years	41
15 years to 20 years	55
20 years to 25 years	108
25 years to 30 years	135
30 years to 40 years	198
40 years to 50 years	115
50 years to 60 years	86
60 years to 70 years	69
70 years to 80 years	44
80 years to 90 years	17
90 years to 100 years	9
100 years to 115 years	4
100 years to 120 years	1
Unknown	13
Total	1,484

Stillbirths, 23. Of the grand total of 1,484 deaths, 66 were those of transients, while 1,418 were permanent residents of Manila.

Deaths by Districts.

Walled City	66
Binondo	102
San Nicolas	164
Tondo	385
Santa Cruz	221
Quiapo	94
Sampaloc	132
San Miguel	49
Paco	76
Ermita	40
Malate	52
Pandacan	17
Transient residents	66
Santa Ana	12
Unknown	8
Total	1,484

23 of above were stillbirths.

Number of deaths with medical attendance	592
Number of deaths without medical attendance	837
Number of deaths, Chinese	55
Total	1,484

23 of above were stillbirths.

CAUSES OF DEATHS FOR THE MONTH OF JUNE, 1902.

(STILLBIRTHS NOT INCLUDED.)

	NOMENCLATURE DESIGNED FOR THE STATISTICS OF DEATH.	NOMENCLATURA PARA LAS ESTADÍSTICAS DE DEFUNCIONES.	Americans.		Europeans.		Filipinos.		Chinese.		Total.
			M.	F.	M.	F.	M.	F.	M.	F.	
	I.	**I.**									
	General Diseases.	**Enfermedades Generales.**									
1	Typhoid fever (abdominal typhus)	Fiebre tifoidea					8	5			13
2	Exanthematic typhus	Tifus exantemático									
3	Recurrent fever	Fiebre recurrente									
4	Intermittent fever, and malarial cachexia	Fiebre intermitente					11	14			25
4a	Malarial cachexia	Caquexia palúdica					6	2	1		9
5	Variola	Viruelas					1	1			2
6	Measles	Sarampión									
7	Scarlatina	Escarlatina									
8	Whooping cough	Tos ferina									
9	Diphtheria and croup	Difteria y crup									
9a	Diphtheria	Difteria									
10	Grippe	Gripe					3	2			5
11	Miliary fever	Fiebre miliar									
12	Asiatic cholera	Cólera asiático	8	1		1	270	194	14	1	489
13	Cholera, nostras	Cólera nostras									
14	Dysentery	Disentería	1		1		19	16	2		39
14a	Epidemic dysentery	Disentería epidémica									
15	Plague	Peste							1		1
16	Yellow fever	Fiebre amarilla									
17	Leprosy	Lepra									
18	Erysipelas	Erisipelas									
19	Other epidemic affections (beri-beri)	Otras afecciones epidémicas (beri-beri)					26	27	10		63
20	Purulent infection and septicæmia	Infección purulenta y septicemia					1				1
21	Glanders and farcy	Muermo y lamparones									
22	Malignant pustule and anthrax	Pústula maligna y antrax									
23	Rabies	Rabia									
24	Actinomycosis, trichinosis, etc	Actinomicosis, trichinosis, etc									
25	Pellagra	Pelagra									
26	Tuberculosis of larynx	Tuberculosis de la laringe					1				1
27	Tuberculosis of lungs	Tuberculosis del pulmón	1				31	42	10	1	85
28	Tuberculosis of meninges	Tuberculosis de las meninges				1		2			3
29	Tuberculosis of abdomen	Tuberculosis abdominal					1				1
30	Pott's disease	Mal de Pott									
31	Cold abscess and abscess by congestion	Abscesos fríos y por congestión					1				1
32	White swellings	Tumores blancos									
33	Tuberculosis of other organs	Tuberculosis de otros órganos									
34	Generalized tuberculosis	Tuberculosis generalizada									
35	Scrofula	Escrófula					1				1
36	Syphilis	Sífilis					1				1
37	Gonorrhea of the adult	Blenorragia en los adultos									
38	Gonococcic infections of children	Afecciones gonocócicas en los niños									
39	Cancer and other malignant tumors of the bucal cavity.	Cáncer ú otros tumores malignos en la cavidad bucal									
40	Cancer and other malignant tumors of the stomach and liver.	Cáncer ú otros tumores malignos del estómago é hígado.									
41	Cancer and other malignant tumors of Peritoneum, intestines and rectum	Cáncer ú otros tumores malignos del peritoneo, intestinos y recto.									
42	Cancer and other malignant tumors of the female genitals.	Cáncer ú otros tumores malignos de los órganos genitales de la mujer.						1			1
43	Cancer and other malignant tumors of the breast	Cáncer ú otros tumores malignos de la mama									
44	Cancer and other malignant tumors of the skin	Cáncer ú otros tumores malignos de la piel									
45	Cancer and other malignant tumors of other organs and organs not specified.	Cáncer ú otros tumores malignos en otros órganos						1			1
46	Other tumors (tumors of the female genitals excepted)	Otros tumores (exceptuándose los de los órganos genitales de la mujer).									
47	Acute articular rheumatism	Reumatismo articulas agudo					1	1			2
48	Chronic rheumatism, and gout	Reumatismo crónico y gota						3			3
49	Scurvy	Escorbuto									
50	Diabetes	Diabetes									
51	Exophthalmic goiter	Bocio exoftálmico						1			1
52	Addisson's disease	Enfermedad bronceada de Addison									
53	Leukæmia	Leucemia									
54	Anæmia, chlorosis	Anemia, clorosis				1	1	3	2		7
55	Other general diseases	Otras enfermedades generales									
56	Acute alcoholism or chronic	Alcoholismo agudo ó crónico	1				1				2
57	Lead-poisoning	Saturnismo									
58	Other poisonings incident to occupations	Otras intoxicaciones profesionales crónicas									
59	Other chronic poisonings	Otros envenenamientos crónicos									
	II.	**II.**									
	Diseases of the Nervous System and the Organs of Special Sense.	**Enfermedades del Sistema Nervioso y de los Organos de los Sentidos.**									
60	Encephalitis	Encefalitis					1	2			3
61	Simple meningitis	Meningitis simple					19	14		1	34
61a	Epidemic cerebro-spinal, meningitis	Meningitis cérebro-espinal epidémica									
62	Progressive locomotor ataxia	Ataxia locomotriz progresiva									
63	Other diseases of the spinal cord	Otras enfermedades de la médula espinal						2			2
64	Cerebral congestion and hemorrhage	Congestión y hemorragia cerebrales					6	3			9
65	Cerebral softening	Reblandecimiento cerebral					1				1
66	Paralysis without apparent cause	Parálisis sin indicación de causa									
67	General paralysis	Parálisis generales					2				2

	NOMENCLATURE DESIGNED FOR THE STATISTICS OF DEATH.	NOMENCLATURA PARA LAS ESTADÍSTICAS DE DEFUNCIONES.	Americans. M.	Americans. F.	Europeans. M.	Europeans. F.	Filipinos. M.	Filipinos. F.	Chinese. M.	Chinese. F.	Total.
	II. Diseases of the Nervous System and the Organs of Special Sense—Cont'd.	**II.—Enfermedades del Sistema Nervioso y de los Organos de los Sentidos—Cont'd.**									
68	Other forms of insanity	Otras formas de alienación mental									
69	Epilepsy	Epilepsia									
70	Eclampsia (nonpuerperal)	Eclampsia (no puerperal)					33	23			56
71	Convulsions of children	Convulsiones en los niños					134	94			228
72	Tetanus	Tétano					10	14			24
73	Chorea	Corea									
74	Other diseases of the nervous system	Otras enfermedades del sistema nervioso									
75	Diseases of the eye and its adnexa	Enfermedades de ojos y sus anexos					6	4			10
76	Diseases of the ear	Enfermedades de los oídos									
	III. Diseases of the Circulatory System.	**III. Enfermedades del Aparato Circulatorio.**									
77	Pericarditis	Pericarditis									
78	Acute endocarditis	Endocarditis aguda					2				2
79	Organic disease of the heart	Enfermedades orgánicas del corazón					7	10	1		18
80	Angina pectoris	Angina de pecho					8	5			13
81	Affections of the arteries (atheroma, aneurism, etc.)	Afecciones de las arterias, etc					2	2	2		6
82	Embolus and thrombosis	Embolia y trombosis					1	3			4
83	Affections of the veins (varices, hemorrhoides, phlebitis).	Afecciones de las venas									
84	Affections of the lymphatic system (lymphangitis, etc.).	Afecciones del sistema linfático									
85	Hemorrhages	Hemorragias									
86	Other affections of the circulatory system	Otras afecciones del aparato circulatorio									
	IV. Diseases of the Respiratory System.	**IV. Enfermedades del Aparato Respiratorio.**									
87	Diseases of the nasal fosse	Enfermedades de las fosas nasales									
88	Affections of the larynx	Afecciones de la laringe					7	2			9
89	Affections of the thyroid body	Afecciones del cuerpo tiroideo									
90	Acute bronchitis	Bronquitis aguda					18	20			38
91	Chronic bronchitis	Bronquitis crónica					8	14	2		24
92	Broncho-pneumonia	Bronco-pneumonía					2	2			4
93	Pneumonia	Pneumonía					1				1
94	Pleurisy	Pleuresía					1	2		1	4
95	Pulmonary congestion and apoplexy	Congestion y apoplegía pulmonares					1	1			2
96	Gangrene of the lungs	Gangrena del pulmón					1				1
97	Asthma	Asma						2			2
98	Pulmonary emphysema	Enfisema pulmonar						2			2
99	Other diseases of the respiratory system (phthisis excepted).	Otras enfermedades del aparato respiratorio (exceptuándose la tísis).									
	V. Diseases of Digestive System.	**V. Enfermedades del Aparato Digestivo.**									
100	Affections of the mouth and its adnexa	Afecciones de la boca y de sus anexos					1				1
101	Affections of the pharynx	Afecciones de la faringe									
102	Affections of the esophagus	Afecciones del esófago									
103	Ulcer of the stomach	Ulcera del estómago									
104	Other affections of the stomach (cancer excepted)	Otras afecciones del estómago (exceptuándose el cáncer).					7	5		1	13
105	Diarrhea and enteritis (under two years)	Diarrea y enteritis (en niños menores de 2 años)		1			2	3			6
105a	Chronic diarrhea and enteritis	Diarrea y enteritis crónica				1	19	22	1		43
106	Diarrhea and enteritis (two years and over)	Diarrea y enteritis (en niños de 2 ó más años)					2	2			4
107	Intestinal parasites	Parásitos intestinales					6	8			14
108	Hernias; intestinal obstructions	Hernias; obstrucciones intestinales					1				1
109	Other affections of the intestines	Otras afecciones del intestino									
110	Acute yellow atrophy of the liver	Ictericia grave					3	1			4
111	Hydatid tumors of the liver	Tumores hidátidicos del hígado									
112	Cirrhosis of the liver	Cirrosis del hígado					2		1		3
113	Biliary calculi	Cálculos biliares					2	1			3
114	Other affections of the liver	Otras afecciones del hígado			1		1		1		3
115	Affections of the spleen	Afecciones del bazo									
116	Simple peritonitis (puerperal excepted)	Peritonitis simple (exceptuándose la puerperal)			1		1	1			3
117	Other affections of the digestive system (cancer and tuberculosis excepted).	Otras afecciones del aparato digestivo (exceptuándose el cáncer y tuberculosis).					1				1
118	Appendicitis and abscess of the iliac fossa	Apendicitis y flemón de la fosa ilíaca									
	VI. Diseases of the Genito-Urinary System and its Adnexa.	**VI. Enfermedades del Aparato Génito Urinario y de sus Adnexos.**									
119	Acute nephritis	Nefritis aguda					3	5			8
120	Bright's disease	Mal de Bright									
121	Other diseases of the kidneys and their adnexa	Otras enfermedades de los riñones y de sus anexos					1				1
122	Calculi of the urinary tract	Cálculos de las vías urinarias									
123	Diseases of the bladder	Enfermedades de la vegiga					2				2
124	Diseases of the urethra, urinary abscess, etc	Enfermedades de la uretra									
125	Diseases of the prostate	Enfermedades de la próstata									
126	Nonvenereal diseases of the male genital organs	Enfermedades no venereas de los órganos genitales del hombre.									
127	Metritis	Metritis						1			1
128	Uterine hemorrhage (nonpuerperal)	Hemorragia uterina (no puerperal)									
129	Tumor, uterine (noncancerous)	Tumor uterino (no canceroso)									
130	Other diseases of the uterus	Otras enfermedades del útero						1			1
131	Cysts and other tumors of the ovary	Quistes y otras tumores del ovario									
132	Other diseases of the female genital organs	Otras enfermedades de los organos genitales de la mujer.									
133	Nonpuerperal diseases of the breast (cancer excepted).	Enfermedades no puerperales de la mama (exceptuándose el cáncer).									

	NOMENCLATURE DESIGNED FOR THE STATISTICS OF DEATH.	NOMENCLATURA PARA LAS ESTADÍSTICAS DE DEFUNCIONES.	Americans.		Europeans.		Filipinos.		Chinese.		Total.
			M.	F.	M.	F.	M.	F.	M.	F.	
	VII.	**VII.**									
	The Puerperal State.	**Estado Puerperal.**									
134	Accidents of pregnancy	Accidentes de la preñez						2			2
135	Puerperal hemorrhage	Hemorragia puerperal						3			3
136	Other accidents of labor	Otros accidentes del parto									
137	Puerperal septicæmia	Septicemia puerperal						7			7
138	Albuminuria and puerperal eclampsia	Albuminuria y eclampsia puerperales						1			1
139	Puerperal phlegmasia alba dolens	Flegmasia alba dolens puerperal									
140	Other puerperal accidents—sudden death	Otros accidentes puerperales—muerte repentina									
141	Puerperal diseases of the breast	Enfermedades puerperales de la mama									
	VIII.	**VIII.**									
	Diseases of the Skin and Cellular Tissues.	**Enfermedades de la Piel y del Tejido Celular.**									
142	Gangrene	Gangrena									
143	Furuncle	Forúnculo									
144	Warm-acute abscess	Abscesos calientes agudos							1		1
145	Other diseases of the skin and its adnexa	Otras enfermedades de la piel									
	IX.	**IX.**									
	Diseases of the Organs of Locomotion.	**Enfermedades de los Órganos de la Locomoción.**									
146	Affections of the bones (nontuberculous)	Afecciones de los huesos(exceptuando la tuberculosis)						1			1
147	Diseases of the joints (tuberculosis and rheumatism excepted).	Afecciones de las articulaciones (exceptuando la tuberculosis y el reumatismo).									
148	Amputation	Amputación									
149	Other affections of the organs of locomotion	Otras afecciones de los órganos de la locomoción									
	X.	**X.**									
	Malformations.	**Vicios de Conformación.**									
150	Congenital malformations (stillbirths excepted)	Vicios de conformación congénitos (exceptuándose los de niños nacidos muertos).					1				1
	XI.	**XI.**									
	Early Infancy.	**Primera Infancia.**									
151	Congenital debility icterus and sclerema	Debilidad congéntia, ictericia y esclerema					2	7			9
152	Other special diseases of early infancy	Otras enfermedades especiales de la primera edad					1				1
153	Lack of care	Falta de cuidados									
	XII.	**XII.**									
	Old Age.	**Vejez.**									
154	Senile debility	Debilidad senil					6	14			20
	XIII.	**XIII.**									
	Affections Produced by External Causes.	**Afecciones Producidas por Causas Exteriores.**									
155	Suicide by poison	Suicidio por envenenamiento									
156	Suicide by asphyxia	Suicidio por asfixia									
157	Suicide by hanging or strangulation	Suicidio por suspensión ó por extrangulación									
158	Suicide by submersion	Suicidio por submersión									
159	Suicide by firearms	Suicidio por armas de fuego									
160	Suicide by cutting instruments	Suicidio por instrumentos cortantes						1			1
161	Suicide by jumping from high place	Suicidio por dejarse caer desde un punto elevado									
162	Suicide by crushing	Suicidio por aplastamiento									
163	Other suicides	Otros suicidios									
164	Fractures	Fracturas									
165	Dislocations	Luxaciones									
166	Other accidental traumatisms	Otros traumatismos accidentales	1				1				2
167	Burns	Quemaduras per el fuego						1			1
168	Burning by corrosive substances	Quemaduras por substancias corrosivas									
169	Insolation	Insolación									
170	Freezing	Congelación									
171	Electrical shocks	Commoción eléctrica									
172	Accidental submersion	Submersión accidental									
173	Inanition	Inanición					2	1			3
174	Inhalation of deleterious gases (suicide excepted)	Absorción de gases deletéreos									
175	Other acute poisonings	Otros envenenamientos agudos									
176	Other external violence	Otras violencias exteriores									
	XIV.	**XIV.**									
	Ill-defined Diseases.	**Enfermedades mal Definidas.**									
177	Dropsy	Hidropesía									
178	Sudden death	Muerte repentina									
179	Unspecified or ill-defined causes of death	Causas de muerte no especificadas ó mal definidas						2	1		3
180	Unknown						2	1			3
	Total		12	2	3	4	726	616	50	5	
	Grand total		14		7		1342		55		1418

Number of Deaths with Causes Occurring Among Transients in Manila During the Month of June. These Deaths Are not Included in Preparing Death Rate of City.

			Americans.		Foreigners.		Filipinos.		Chinese.		Total.
			M.	F.	M.	F.	M.	F.	M.	F.	
	I.	**I.**									
	General Diseases.	**Enfermedades Generales.**									
1	Typhoid fever (abdominal typhus)	Tifoidea (tifus abdominal)			1						1
4	Intermittent fever	Fiebre intermitente						1			1
12	Cholera asiatic	Cólera Asiático					1				1
14	Dysentery	Disenteria						1			2
17	Leprosy	Lepra					1	1			1
19	Other epidemic affections (beri-beri)	Otras afecciones epidémicas (beri-beri)					19	4			23
27	Tuberculosis of lungs	Tubercúlos de los pulmones					5	1			6
48	Chronic rheumatism, and gout	Reumatismo cronico y gota					1				1
	II.	**II.**									
	Diseases of the Nervous System and the Organs of Special Sense.	**Enfermedades del Sistema Nervioso, y otros Organos del Sentido Especial.**									
61	Meningitis, simple	Meningitis simple					1				1
64	Cerebral congestion and hemorrhage	Congestion cerebral y hemorragia					5	4			9
71	Convulsions of children	Convulsiones infantiles					3				3
	III.	**III.**									
	Diseases of the Circulatory System.	**Enfermedades del Aparato Circulatorio.**									
79	Organic disease of the heart	Enfermedades organicas del corazon					3				3
	IV.	**IV.**									
	Diseases of the Respiratory System.	**Enfermedades del Sistema Respiratorio.**									
91	Chronic bronchitis	Bronquitis cronica					2				2
93	Pneumonia	Pneumonia					5				5
95	Pulmonary congestion and apoplexy	Congestion pulmonar y apoplegia	1								1
97	Asthma	Asma						1			1
	V.	**V.**									
	Diseases of Digestive System.	**Enfermedades del Aparato Digestivo.**									
107	Intestinal parasites	Parasitos intestinales					1				1
	VI.	**VI.**									
	Diseases of the Genito-Urinary System and Its Adnexa.	**Enfermedades del Aparato Genito-urinario, y sus Anexos.**									
120	Bright's disease	Enfermedad de Bright						1			1
	VII.	**VII.**									
	The Puerperal State.	**Estado ó periodo puerpal.**									
137	Puerperal septicæmia	Septicémia puerperal						1			1
	XI.	**XI.**									
	Early Infancy.	**Enfermedades de la Infancia.**									
151	Congenital debility, icterus and sclerema	Debilidad congenita, ictericia y sclerema						1			1
	XII.	**XII.**									
	Old Age.	**Vejez.**									
154	Senile debility	Debilidad senil						1			1
	Total		1		1		47	17			66

Report of Sick and Wounded City Poor Attended by Municipal Physicians During the Month of June, 1902.

		Sex.		Children and young.		Nationality.								Total.	Cured.		Deaths.		Number of visits.
						Filipinos.		Chinese.		Foreigners.		Americans.							
		M.	F.	Boys.	Girls.	M.	F.	M.	F.	M.	F.	M.	F.		M.	F.	M.	F.	
R. Perramon	Walled City	24	28	9	2	15	26							52	12	13	2	1	212
	Concepcion	7	5	5	2	2	3							12	6	2		1	36
	San Miguel	7	6	1	1	6	5							13	2		2	2	62
C. Mora	Paco	56	65	25	24	31	41							121	26	27	6	10	280
	Ermita	12	21	2	11	10	10							33	7	8		7	81
	Malate	45	52	16	17	29	35							97	19	15	7	9	214
M. Eloriaga	Santa Ana																		
C. Reyes	Quiapo	10	13	1	3	9	10							23	4	2		1	118
	Santa Cruz	14	8	1		11	8	1				1		22	9	7	1		87
F. Castañeda	Sampaloc	28	52	13	20	15	32							80	8	20	5	8	187
	Pandacan	6	5	2	3	4	2							11	1	4		1	24
S. V. del Rosario	Binondo																		
V. Pantoja	Tondo	9	8	1	1	8	7							17	5	6		1	39
V. Cavanna	San Nicolas	14	13	7	2	7	11							27	7	7	4	2	112
Total		232	276	83	86	147	190	1				1		508	106	111	27	43	1,452

Burials, June, 1902.

Cemeteries.	No.
Loma (Government)	315
Paco General (Government)	34
Santa Cruz	6
Balic-balic	146
Binondo	23
Tondo	347
Maytubig	42
Malate	71
Pandacan	20
Chinese	56
Crematory	423
Santa Ana	19
American National Cemetery	4
United States morgue	1
Total	1,507

Twenty-three of the above were stillbirths and 66 transient residents.

Cases of Cholera occurring in the City of Manila during the month of June, 1902.

	Cases.	Recoveries.	Deaths.
Americans	13	4	9
Foreigners	8	7	1
Filipinos	517	53	464
Chinese	28	13	15
Total	566	77	489
Per cent			86.39

Crematories.

	JUNE, 1902.		
	Paco.	Santa Cruz.	Total.
Cart loads of refuse consumed	437	314	751
Carcasses of native horses consumed	53	65	118
Carcasses of American horses consumed	23	5	28
Carcasses of mules consumed	10	3	13
Carcasses of carabaos consumed		14	14
Carcasses of cows consumed		95	95
Carcasses of dogs consumed	13	7	20
Carcasses of fowls consumed	48	280	328
Carcasses of cats consumed		26	26
Carcasses of rats consumed	26	90	116
Carcasses of pigs consumed		6	6
Carcasses of snakes consumed			

Number of loads of garbage dumped in suburbs	8,585
Number of loads of garbage dumped at sea	1,318

Comparative Mortality from June 1, 1901, to June 30, 1902.

Month.	1900.		1901.		1902.	
	No. deaths.	Annual death rate per 1,000.	No. deaths.	Annual death rate per 1,000.	No. deaths.	Annual death rate per 1,000.
January	1,055	[1]50.65	753	[1]36.22	760	30.46
February	884	[1]47.08	689	[1]36.69	706	[2]30.81
March	887	[1]42.67	885	[1]42.67	770	[2]30.01
April	805	[1]40.02	886	[1]44.04	1,327	[2]53.46
May	732	[1]35.21	903	[1]43.44	1,688	[2]65.81
June	599	[1]29.79	621	[1]30.89	1,418	[2]57.13

[1] Death rate computed on population of 244,732 (Health Department's Census), stillbirths included.
[2] Death rate computed on population of 302,154; stillbirths not included.

Disinterments, June, 1902.

Paco Cemetery	8
Chinese Cemetery (for removal to China)	4
Malate	1
Santa Cruz	5
Binondo	
Total	18

Veterinary Division.

WILLIAM W. RICHARDS, V. S., *City Veterinarian.*
JOHN G. SLEE, D. V. S., *Asst. City Veterinarian.*

On arrival in city:	
Number of cattle inspected	3,316
Number of hogs inspected	3,480
Number of carabaos inspected	99
Number of sheep inspected	102
Number of goats inspected	42
Number of horses inspected	271
Number of other animals inspected	0
In Government slaughterhouse:	
Number of cattle slaughtered	1,606
Number of hogs slaughtered	4,617
Number of sheep slaughtered	0
Number of cattle condemned and cremated	15
Number of hogs condemned and cremated	32
Number of horses condemned for glanders	8

Report of Prescriptions Filled at the Municipal Dispensary, Showing Districts, Sex, and Age of Persons to Whom Medicines Have Been Given During the Month.

Districts.	Americans.				Foreigners.				Filipinos.				Chinese.				Total.
	Adult.		Children.		Adult.		Children.		Adult.		Children.		Adult.		Children.		
	M.	F.	Boy.	Girl.	M.	F.	Boy.	Girl.	M.	F.	Boy.	Girl.	M.	F.	Boy.	Girl.	
Walled City																	11
Concepcion																	8
San Miguel																	5
Ermita																	12
Malate																	50
Paco																	112
Santa Ana																	2
Sampaloc																	161
Pandacan																	30
Quiapo																	97
Santa Cruz																	55
Binondo																	2
San Nicholas																	24
Tondo																	10
Total																	579

Report of the Smallpox Hospital, City of Manila, for the Month Ended June 30, 1902.

	Remaining from last report.	Admissions during the month.	Total to be accounted for.	Discharged cured.	Died.	Otherwise disposed of.	Remaining in hospital.
Americans and Europeans	1	0	1	0	0	0	1
Japanese and Chinese	1	0	1	1	0	0	0
Filipinos	0	1	1	0	1	0	0
Total	2	1	3	1	1	0	1

Report on Vaccination, City of Manila, During the Month of June, 1902.

	Children.			Adults.			Totals.			Grand totals.
	Filipinos.	Chinese.	Americans and foreigners.	Filipinos.	Chinese.	Americans and foreigners.	Filipinos.	Chinese.	Americans and foreigners.	
Walled City	169			470	104	5	639	104	5	748
Binondo	455			1,814	764	14	2,269	764	14	3,047
San Nicolas	560			837	443	9	1,397	443	9	1,849
Tondo	1,097		2	2,148	1,236	12	3,245	1,236	14	4,495
Santa Cruz	892			1,263	490	20	2,155	490	20	2,665
Quiapo	342			1,216	301	42	1,558	301	42	1,901
Sampaloc	362			1,048	27	5	1,410	27	5	1,442
San Miguel	176			558	136	9	734	136	9	879
Paco	363			1,024	84	4	1,387	84	4	1,475
Ermita	300			466	11	7	766	11	7	784
Malate	353			176	3		529	3		532
Pandacan										
Santa Ana										

RECAPITULATION.

Filipinos	16,089
Chinese	3,599
Americans and foreigners	129
Total	19,817

Vaccine Virus Issued During Month Ended June 30, 1902.

Vaccine Institute, SATURNINO ESPEJO, Director.

Army	5,270
Navy	7,850
Inhabitants of the Archipelago (excluding Manila)	37,650
Amount of vaccine virus sold to the public	19,817
Amount of vaccine virus used by public vaccinator	110
Total	70,697

General Inspection of Houses, Premises, Vaults, etc., with Improvements Ordered, Disinfected, Whitewashed, Cleaned, etc., by Medical Inspectors, Chief Sanitary Inspectors, and Sanitary Inspectors, for the Month of June, 1902.

Houses inspected by the chief sanitary inspectors	8,028	Cesspools and vaults ordered cleaned	985
Houses reinspected for verification of work ordered	3,126	Cesspools cleaned	864
Houses inspected by sanitary inspectors	108,637	Yards ordered cleaned	6,675
Houses reinspected by sanitary inspectors	63,982	Yards cleaned	5,768
Houses ordered cleaned	14,274	Yards ordered repaired (repaved, etc.)	2,278
Houses cleaned	12,983	Yards repaired	2,128
Houses ordered whitewashed and painted	1,702	Licenses inspected	82
Houses whitewashed and painted	1,627	Licenses approved	70
Houses disinfected	943	Licenses disapproved	12
Houses in which traps are set		Loads of night soil removed	150
Houses in which bane is placed		Gallons of night soil removed	75,000
Number of houses where garbage has not been removed for two days	326	Houses cleaned by laborers	
Number of persons reported sick to municipal physician	724	Cart-loads of dirt removed from houses	

Report of Houses Inspected and Repairs Ordered, under the Direction of Mr. H. D. Osgood, Assistant Sanitary Engineer, Board of Health, for June, 1902.

Houses inspected	312
Houses ordered to make repairs	115
Houses on which repairs were started	
Houses on which repairs were completed	32
Houses condemned by the Municipal Board, by request of the Board of Health	
Houses destroyed	

GENERAL LIBRARY
UNIV. OF MICH.
NOV 17 1902

MONTHLY REPORT

OF THE

Board of Health of the Philippine Islands

AND

CITY OF MANILA.

JULY, 1902.

TO THE HON. DEAN C. WORCESTER, SECRETARY OF THE INTERIOR.

BOARD OF HEALTH.

LIEUT. COL. L. M. MAUS, M. D., U. S. ARMY,
Commissioner of Public Health.

O. MCGREGOR, B. S.,
Sanitary Engineer.

P. C. FREER, M. D., Ph. D.,
Superintendent of Government Laboratories.

MANUEL GOMEZ MARTINEZ, M. D.,
Secretary.

MANILA:
BUREAU OF PUBLIC PRINTING.
1902.

1008

LETTER OF TRANSMITTAL.

DEPARTMENT OF THE INTERIOR,
BUREAU OF PUBLIC HEALTH FOR THE PHILIPPINES,
Manila, September 1, 1902.

TO THE HONORABLE THE SECRETARY OF THE INTERIOR:

I have the honor to submit herewith the report of the Board of Health for the Philippine Islands and City of Manila for the month of July, 1902.

Very respectfully,

FRANK S. BOURNS,
Commissioner of Public Health.

1008

Population of Manila.

Filipinos	223,900
Chinese	60,680
Foreigners	7,852
Americans	9,722
Total	302,154

Deaths Occurring During the Month of July.

Filipinos	2,058
Chinese	112
Foreigners	27
Americans	26
Total	2,223

Annual Death Rate per Thousand for the Month.

Filipinos	108.29
Chinese	21.74
Foreigners	40.52
Americans	31.51
Average	86.68

Births Reported in July.

Filipinos	134
Chinese	
Foreigners	5
Americans	
Total	139

Annual Birth Rate per Thousand for the Month.

Filipinos	7.05
Chinese	
Foreigners	7.50
Americans	
Average	5.41

Summary of Statistics of Births and Deaths.

Population, census estimated, Health Department	302,154
Mortality for the month of July	2,223
Annual death rate per 1,000 for month of July	86.68
*Births reported	139
Annual birth rate (based on reports)	5.41

*Incomplete.

Deaths by Age.

Under 30 days	73
30 days to 1 year	396
1 year to 2 years	125
2 years to 5 years	264
5 years to 10 years	159
10 years to 15 years	66
15 years to 20 years	102
20 years to 25 years	159
25 years to 30 years	217
30 years to 40 years	314
40 years to 50 years	169
50 years to 60 years	111
60 years to 70 years	80
70 years to 80 years	45
80 years to 90 years	24
90 years to 100 years	8
100 years to 110 years	1
100 years to 115 years	2
Unknown	9
Total	2,324

Stillbirths, 29. Of the grand total of 2,324 deaths, 101 were those of transients, while 2,223 were permanent residents of Manila.

Deaths by Districts.

Walled City	107
Binondo	154
San Nicolas	274
Tondo	610
Santa Cruz	298
Quiapo	142
Sampaloc	206
San Miguel	100
Paco	128
Ermita	71
Malate	69
Pandacan	37
Transient residents	101
Santa Ana	15
Unknown	12
Total	2,324

29 of above were stillbirths

Number of deaths with medical attendance	786
Number of deaths without medical attendance	1,424
Number of deaths, Chinese	114
Total	2,324

29 of above were stillbirths.

A Classified Report of all Dea hs Occurring in Manila During the Month of July, 1902.

MALES.

Married	175
Widower	24
Single	160
Boys	472
Condition not stated in certificate	499
Total	1,330

FEMALES.

Married	176
Widows	52
Maids	91
Girls	428
Condition not stated in certificate	247
Stillbirths	29
Total	1,023
Grand total	2,353

Included 101 transients in Manila.

CAUSES OF DEATHS FOR THE MONTH OF JULY, 1902.

(STILLBIRTHS NOT INCLUDED.)

	NOMENCLATURE DESIGNED FOR THE STATISTICS OF DEATH.	NOMENCLATURA PARA LAS ESTADÍSTICAS DE DEFUNCIONES.	Americans.		Europeans.		Filipinos.		Chinese.		Total.
			M.	F.	M.	F.	M.	F.	M.	F.	
	I.	**I.**									
	General Diseases.	**Enfermedades Generales.**									
1	Typhoid fever (abdominal typhus)	Fiebre tifoidea			1		9	7	4	1	22
2	Exanthematic typhus	Tifus exantemático									
3	Recurrent fever	Fiebre recurrente									
4	Intermittent fever, and malarial cachexia	Fiebre intermitente					11	8	2		21
4a	Malarial cachexia	Caquexia palúdica					4	6	2	1	13
5	Variola	Viruelas									
6	Measles	Sarampión									
7	Scarlatina	Escarlatina									
8	Whooping cough	Tos ferina					1	4			5
9	Diphtheria and croup	Difteria y crup									
9a	Diphtheria	Difteria									
10	Grippe	Gripe					6	3			9
11	Millary fever	Fiebre miliar									
12	Asiatic cholera	Cólera asiático	21	1	9	4	571	390	68	2	1066
13	Cholera, nostras	Cólera nostras									
14	Dysentery	Disentería	1				26	21	1		49
14a	Epidemic dysentery	Disentería epidémica									
15	Plague	Peste									
16	Yellow fever	Fiebre amarilla									
17	Leprosy	Lepra									
18	Erysipelas	Erisipelas					1	1			2
19	Other epidemic affections (beri-beri)	Otras afecciones epidemicas (beri-beri)					14	26	4		44
20	Purulent infection and septicæmia	Infección purulenta y septicemia						2			2
21	Glanders and farcy	Muermo y lamparones									
22	Malignant pustule and anthrax	Pústula maligna y antrax						1			1
23	Rabies	Rabia									
24	Actinomycosis, trichinosis, etc	Actinomicosis, trichinosis, etc									
25	Pellagra	Pelagra									
26	Tuberculosis of larynx	Tuberculosis de la laringe					4		1		5
27	Tuberculosis of lungs	Tuberculosis del pulmón	1		1		39	51	5		97
28	Tuberculosis of meninges	Tuberculosis de las meninges					2				2
29	Tuberculosis of abdomen	Tuberculosis abdominal					2	1			3
30	Pott's disease	Mal de Pott									
31	Cold abscess and abscess by congestion	Abscesos fríos y por congestión					1				1
32	White swellings	Tumores blancos									
33	Tuberculosis of other organs	Tuberculosis de otros órganos									
34	Generalized tuberculosis	Tuberculosis generalizada									
35	Scrofula	Escrófula					2				2
36	Syphilis	Sífilis									
37	Gonorrhea of the adult	Blenorragia en los adultos									
38	Gonococcic infections of children	Afecciones gonocócicas en los niños									
39	Cancer and other malignant tumors of the bucal cavity.	Cáncer ú otros tumores malignos en la cavidad bucal					2				2
40	Cancer and other malignant tumors of the stomach and liver.	Cáncer ú otros tumores malignos del estómago é hígado.					2				2
41	Cancer and other malignant tumors of Peritoneum, intestines and rectum	Cáncer ú otros tumores malignos del peritoneo, intestinos y recto.									
42	Cancer and other malignant tumors of the female genitals.	Cáncer ú otros tumores malignos de los órganos genitales de la mujer.									
43	Cancer and other malignant tumors of the breast	Cáncer ú otros tumores malignos de la mama									
44	Cancer and other malignant tumors of the skin	Cáncer ú otros tumores malignos de la piel									
45	Cancer and other malignant tumors of other organs and organs not specified.	Cáncer ú otros tumores malignos en otros órganos					2				2
46	Other tumors (tumors of the female genitals excepted)	Otros tumores (exceptuándose los de los órganos genitales de la mujer).									
47	Acute articular rheumatism	Reumatismo articulas agudo					1				1
48	Chronic rheumatism, and gout	Reumatismo crónico y gota				1	1	1			3
49	Scurvy	Escorbuto									
50	Diabetes	Diabetes									
51	Exophthalmic goiter	Bocio exoftálmico									
52	Addisson's disease	Enfermedad bronceada de Addison									
53	Leukæmia	Leucemia					1				1
54	Anæmia, chlorosis	Anemia, clorosis					3	1	2		6
55	Other general diseases	Otras enfermedades generales									
56	Acute alcoholism or chronic	Alcoholismo agudo ó crónico			1		1				2
57	Lead-poisoning	Saturnismo									
58	Other poisonings incident to occupations	Otras intoxicaciones profesionales crónicas									
59	Other chronic poisonings	Otros envenenamientos crónicos									
	II.	**II.**									
	Diseases of the Nervous System and the Organs of Special Sense.	**Enfermedades del Sistema Nervioso y de los Organos de los Sentidos.**									
60	Encephalitis	Encefalitis					1				1
61	Simple meningitis	Meningitis simple				1	17	16			34
61a	Epidemic cerebro-spinal, meningitis	Meningitis cérebro-espinal epidémica					1				1
62	Progressive locomotor ataxia	Ataxia locomotriz progresiva									
63	Other diseases of the spinal cord	Otras enfermedades de la médula espinal						1			1
64	Cerebral congestion and hemorrhage	Congestión y hemorragia cerebrales			1		2	6	1		10
65	Cerebral softening	Reblandecimiento cerebral									
66	Paralysis without apparent cause	Parálisis sin indicación de causa									
67	General paralysis	Parálisis generales					1	3			4

	NOMENCLATURE DESIGNED FOR THE STATISTICS OF DEATH.	NOMENCLATURA PARA LAS ESTADÍSTICAS DE DEFUNCIONES.	Americans.		Europeans.		Filipinos.		Chinese.		Total.
			M.	F.	M.	F.	M.	F.	M.	F.	
	II. Diseases of the Nervous System and the Organs of Special Sense—Cont'd.	**II.—Enfermedades del Sistema Nervioso y de los Organos de los Sentidos—Cont'd.**									
68	Other forms of insanity	Otras formas de alienación mental									
69	Epilepsy	Epilepsia									
70	Eclampsia (nonpuerperal)	Eclampsia (no puerperal)					43	40			83
71	Convulsions of children	Convulsiones en los niños					136	127			263
72	Tetanus	Tétano					11	5			16
73	Chorea	Corea									
74	Other diseases of the nervous system	Otras enfermedades del sistema nervioso					5	8	1		14
75	Diseases of the eye and its adnexa	Enfermedades de ojos y sus anexos									
76	Diseases of the ear	Enfermedades de los oídos									
	III. Diseases of the Circulatory System.	**III. Enfermedades del Aparato Circulatorio.**									
77	Pericarditis	Pericarditis						1			1
78	Acute endocarditis	Endocarditis aguda					3	3	2		8
79	Organic disease of the heart	Enfermedades orgánicas del corazón					10	15	2		27
80	Angina pectoris	Angina de pecho					1	8			9
81	Affections of the arteries (atheroma, aneurism, etc.)	Afecciones de las arterias, etc					2	1	1		4
82	Embolus and thrombosis	Embolia y trombosis					3	1			4
83	Affections of the veins (varices, hemorrhoides, phlebitis).	Afecciones de las venas									
84	Affections of the lymphatic system (lymphangitis, etc.).	Afecciones del sistema linfático									
85	Hemorrhages	Hemorragias						1			1
86	Other affections of the circulatory system	Otras afecciones del aparato circulatorio									
	IV. Diseases of the Respiratory System.	**IV. Enfermedades del Aparato Respiratorio.**									
87	Diseases of the nasal fossæ	Enfermedades de las fosas nasales									
88	Affections of the larynx	Afecciones de la laringe	1				5	8			14
89	Affections of the thyroid body	Afecciones del cuerpo tiroideo									
90	Acute bronchitis	Bronquitis aguda			1		15	17			33
91	Chronic bronchitis	Bronquitis crónica					20	12	3		35
92	Broncho-pneumonia	Bronco-pneumonia					3				3
93	Pneumonia	Pneumonía			1		10	6	2		19
94	Pleurisy	Pleuresía					2	1			3
95	Pulmonary congestion and apoplexy	Congestion y apoplegia pulmonares			1		4	3			8
96	Gangrene of the lungs	Gangrena del pulmón									
97	Asthma	Asma					3				3
98	Pulmonary emphysema	Enfisema pulmonar									
99	Other diseases of the respiratory system (phthisis excepted).	Otras enfermedades del aparato respiratorio (exceptuándose la tísis).									
	V. Diseases of Digestive System.	**V. Enfermedades del Aparato Digestivo.**									
100	Affections of the mouth and its adnexa	Afecciones de la boca y de sus anexos					2				2
101	Affections of the pharynx	Afecciones de la faringe									
102	Affections of the esophagus	Afecciones del esófago					1				1
103	Ulcer of the stomach	Úlcera del estómago									
104	Other affections of the stomach (cancer excepted)	Otras afecciones del estómago (exceptuándose el cáncer).				1	9	10			20
105	Diarrhea and enteritis (under two years)	Diarrea y enteritis (en niños menores de 2 años)					3	7			10
105a	Chronic diarrhea and enteritis	Diarrea y enteritis crónica					25	36	1		62
106	Diarrhea and enteritis (two years and over)	Diarrea y enteritis (en niños de 2 ó más años)					2	4			6
107	Intestinal parasites	Parásitos intestinales					10	11			21
108	Hernias; intestinal obstructions	Hernias; obstrucciones intestinales					4				4
109	Other affections of the intestines	Otras afecciones del intestino									
110	Acute yellow atrophy of the liver	Ictericia grave						1			1
111	Hydatid tumors of the liver	Tumores hidátidicos del hígado									
112	Cirrhosis of the liver	Cirrosis del hígado					3	1	1		5
113	Biliary calculi	Cálculos biliares									
114	Other affections of the liver	Otras afecciones del hígado					1		2		3
115	Affections of the spleen	Afecciones del bazo									
116	Simple peritonitis (puerperal excepted)	Peritonitis simple (exceptuándose la puerperal)					1				1
117	Other affections of the digestive system (cancer and tuberculosis excepted).	Otras afecciones del aparato digestivo (exceptuándose el cáncer y tuberculosis).									
118	Appendicitis and abscess of the iliac fossa	Apendicitis y flemón de la fosa iliaca					1				1
	VI. Diseases of the Genito-Urinary System and its Adnexa.	**VI. Enfermedades del Aparato Génito Urinario y de sus Adnexos.**									
119	Acute nephritis	Nefritis aguda						2	2		4
120	Bright's disease	Mal de Bright	1				2	2			5
121	Other diseases of the kidneys and their adnexa	Otras enfermedades de los riñones y de sus anexos									
122	Calculi of the urinary tract	Cálculos de las vías urinarias					1				1
123	Diseases of the bladder	Enfermedades de la vegiga									
124	Diseases of the urethra, urinary abscess, etc	Enfermedades de la uretra									
125	Diseases of the prostate	Enfermedades de la próstata									
126	Nonvenereal diseases of the male genital organs	Enfermedades no venereas de los órganos genitales del hombre.									
127	Metritis	Metritis				1					1
128	Uterine hemorrhage (nonpuerperal)	Hemorragia uterina (no puerperal)									
129	Tumor, uterine (noncancerous)	Tumor uterino (no canceroso)									
130	Other diseases of the uterus	Otras enfermedades del útero									
131	Cysts and other tumors of the ovary	Quistes y otras tumores del ovario									
132	Other diseases of the female genital organs	Otras enfermedades de los organos genitales de la mujer.									
133	Nonpuerperal diseases of the breast (cancer excepted).	Enfermedades no puerperales de la mama (exceptuándose el cáncer).									

	NOMENCLATURE DESIGNED FOR THE STATISTICS OF DEATH.	NOMENCLATURA PARA LAS ESTADÍSTICAS DE DEFUNCIONES.	Americans. M.	Americans. F.	Europeans. M.	Europeans. F.	Filipinos. M.	Filipinos. F.	Chinese. M.	Chinese. F.	Total.
	VII.	**VII.**									
	The Puerperal State.	**Estado Puerperal.**									
134	Accidents of pregnancy	Accidentes de la preñez						2			2
135	Puerperal hemorrhage	Hemorragia puerperal						9			9
136	Other accidents of labor	Otros accidentes del parto						2			2
137	Puerperal septicæmia	Septicemia puerperal				1		7			8
138	Albuminuria and puerperal eclampsia	Albuminuria y eclampsia puérperales						6			6
139	Puerperal phlegmasia alba dolens	Flegmasia alba dolens puerperal						1			1
140	Other puerperal accidents—sudden death	Otros accidentes puerperales—muerte repentina									
141	Puerperal diseases of the breast	Enfermedades puerperales de la mama									
	VIII.	**VIII.**									
	Diseases of the Skin and Cellular Tissues.	**Enfermedades de la Piel y del Tejido Celular.**									
142	Gangrene	Gangrena					1				1
143	Furuncle	Forúnculo						1			1
144	Warm-acute abscess	Abscesos calientes agudos					1				1
145	Other diseases of the skin and its adnexa	Otras enfermedades de la piel									
	IX.	**IX.**									
	Diseases of the Organs of Locomotion.	**Enfermedades de los Órganos de la Locomoción.**									
146	Affections of the bones (nontuberculous)	Afecciones de los huesos(exceptuando la tuberculosis)									
147	Diseases of the joints (tuberculosis and rheumatism excepted).	Afecciones de las articulaciones (exceptuando la tuberculosis y el reumatismo).									
148	Amputation	Amputación									
149	Other affections of the organs of locomotion	Otras afecciones de los órganos de la locomoción									
	X.	**X.**									
	Malformations.	**Vicios de Conformación.**									
150	Congenital malformations (stillbirths excepted)	Vicios de conformación congénitos (exceptuándose los de niños nacidos muertos).					4	10			14
	XI.	**XI.**									
	Early Infancy.	**Primera Infancia.**									
151	Congenital debility icterus and sclerema	Debilidad congénita, ictericia y esclerema			1		11	6			18
152	Other special diseases of early infancy	Otras enfermedades especiales de la primera edad					2	2			4
153	Lack of care	Falta de cuidados					1				1
	XII.	**XII.**									
	Old Age.	**Vejez.**									
154	Senile debility	Debilidad senil					6	23			29
	XIII.	**XIII.**									
	Affections Produced by External Causes.	**Afecciones Producidas por Causas Exteriores.**									
155	Suicide by poison	Suicidio por envenenamiento									
156	Suicide by asphyxia	Suicidio por asfixia									
157	Suicide by hanging or strangulation	Suicidio por suspensión ó por extrangulación									
158	Suicide by submersion	Suicidio por submersión									
159	Suicide by firearms	Suicidio por armas de fuego			1						1
160	Suicide by cutting instruments	Suicidio por instrumentos cortantes									
161	Suicide by jumping from high place	Suicidio por dejarse caer desde un punto elevado									
162	Suicide by crushing	Suicidio por aplastamiento									
163	Other suicides	Otros suicidios									
164	Fractures	Fracturas					1				1
165	Dislocations	Luxaciones									
166	Other accidental traumatisms	Otros traumatismos accidentales									
167	Burns	Quemaduras per el fuego						1			1
168	Burning by corrosive substances	Quemaduras por substancias corrosivas					1				1
169	Insolation	Insolación									
170	Freezing	Congelación									
171	Electrical shocks	Commoción eléctrica									
172	Accidental submersion	Submersión accidental									
173	Inanition	Inanición					4	1			5
174	Inhalation of deleterious gases (suicide excepted)	Absorción de gases deletéreos									
175	Other acute poisonings	Otros envenenamientos agudos									
176	Other external violence	Otras violencias exteriores									
	XIV.	**XIV.**									
	Ill-defined Diseases.	**Enfermedades mal Definidas.**									
177	Dropsy	Hidropesía							1		1
178	Sudden death	Muerte repentina									
179	Unspecified or ill-defined causes of death	Causas de muerte no especificadas ó mal definidas					4	3			7
180	Unknown										
	Total		25	1	18	9	1105	953	108	4	
	Grand total		26		27		2058		112		2223

Number of Deaths with Causes Occurring Among Transients in Manila During the Month of July. These Deaths Are not Included in Preparing Death Rate of City.

			Americans.		Foreigners.		Filipinos.		Chinese.		Total.
			M.	F.	M.	F.	M.	F.	M.	F.	
	I.	**I.**									
	General Diseases.	**Enfermedades Generales.**									
9	Diphtheria and croup	Difteria y Crup						1			1
12	Cholera asiatic	Cólera Asiático	1			1	17	3			22
14	Dysentery	Disenteria	1				3	1	1		6
17	Leprosy	Lepra					3	6			9
19	Other epidemic affections (beri-beri)	Otras afecciones epidémicas (beri-beri)					33	4			37
27	Tuberculosis of lungs	Tuberculos de los pulmones					3	1			4
29	Tuberculosis, abdominal	Tuberculosis abdominal					1				1
54	Anæmia chlorosis	Anemia clorosis						2			2
	II.	**II.**									
	Diseases of the Nervous System and the Organs of Special Sense.	**Enfermedades del Sistema Nervioso, y otros Organos del Sentido Especial.**									
64	Cerebral congestion and hemorrhage	Congestion cerebral y hemorragia	1					1	1		3
71	Convulsions of children	Convulsiones infantiles					1	1			2
	III.	**III.**									
	Diseases of the Circulatory System.	**Enfermedades del Aparato Circulatorio.**									
79	Organic disease of the heart	Enfermedades organicas del corazon					2	1			3
80	Angina pectoris	Angina de pecho					1				1
81	Affections of the arteries (atheroma, etc.)	Afeccion de las arterias (ateroma)						1			1
	IV.	**IV.**									
	Diseases of the Respiratory System.	**Enfermedades del Sistema Respiratorio.**									
93	Pneumonia	Pneumonia					2				2
95	Pulmonary congestion and apoplexy	Congestion pulmonar y apoplegia					1				1
99	Other diseases of the respiratory system (phthisis excepted).	Otras enfermedades del aparato Respiratorio (exceptuandose la Tisis).					1				1
	V.	**V.**									
	Diseases of Digestive System.	**Enfermedades del Aparato Digestivo.**									
105	Diarrhea and enteritis (under 2 years)	Diarrea y enteritis (menores de 2 años)	1								1
112	Other affections of the liver	Cirrosis del higado			1						1
	XII.	**XII.**									
	Old Age.	**Vejez.**									
154	Senile debility	Debilidad senil					1	1			2
	XIII.	**XIII.**									
	Affections Produced by External Causes.	**Afecciones Producidas por Causas Externas.**									
171	Electrical shocks	Descarga electrica						1			1
	Total		4		1	1	69	24	2		101

Report of Sick and Wounded City Poor Attended by Municipal Physicians During the Month of July, 1902.

		Sex.		Children and young.		Nationality. Filipinos.		Chinese.		Foreigners.		Americans.		Total.	Cured.		Deaths.		Number of visits.
		M.	F.	Boys.	Girls.	M.	F.	M.	F.	M.	F.	M.	F.		M.	F.	M.	F.	
R. Perramon	Walled City	19	17	13	5	32	22							54	13	11	9	2	148
	Concepcion	2	10	4	2	6	12							18	2	3	4		45
	San Miguel	10	14	12	1	22	15							37	5	7	10	2	129
C. Mora	Paco	14	16	24	33	38	49							87	19	21	6	9	147
	Ermita	1	8	13	9	14	17							31	4	9	4	3	71
	Malate	6	15	19	7	25	22							47	11	9	6	3	109
	Santa Ana																		
C. Reyes	Quiapo	6	3		2	6	5							11	5	5	1		80
	Santa Cruz	9	4		2	7	6	1				1		15	5	3			50
F. Castañeda	Sampaloc	26	36	18	14	44	50							94	17	26	8	6	232
	Pandacan	2	5	2		4	5							9	2	2	1		14
S. V. del Rosario	Binondo																		
V. Pantoja	Tondo																		
V. Cavanna	San Nicolas	9	7	7	6	16	13							29					98
Total		94	135	112	81	214	218	1				1		432	83	96	49	25	1,123

Burials, July, 1902.

Cemeteries.	No.
Loma (Government)	441
Paco General (Government)	36
Santa Cruz	8
Balic-balic	190
Binondo	58
Tondo	448
Maytubig	66
Malate	98
Pandacan	40
Chinese	109
Crematory	806
Santa Ana	34
American National Cemetery	8
San Pedro Macati	7
United States morgue	3
One body transported to Villasis, Pangasinan	1
Total	2,353

Twenty-nine of the above were stillbirths and 101 transient residents.

Cases of Cholera occurring in the City of Manila during the month of July, 1902.

	Cases.	Recoveries.	Deaths.
Americans	38	16	22
Foreigners	27	14	13
Filipinos	1,141	180	961
Chinese	72	2	70
Total	1,278	212	1,066
Per cent			83.41

Crematories.

	JULY, 1902.		
	Paco.	Santa Cruz.	Total.
Cart loads of refuse consumed			
Carcasses of native horses consumed			
Carcasses of American horses consumed			
Carcasses of mules consumed			
Carcasses of carabaos consumed			
Carcasses of cows consumed			
Carcasses of dogs consumed			
Carcasses of fowls consumed			
Carcasses of cats consumed			
Carcasses of rats consumed			
Carcasses of pigs consumed			
Carcasses of snakes consumed			

Number of loads of garbage dumped in suburbs
Number of loads of garbage dumped at sea

Comparative Mortality from July 1, 1901, to July 31, 1902.

Month.	1900.		1901.		1902.	
	No. deaths.	Annual death rate per 1,000.	No. deaths.	Annual death rate per 1,000.	No. deaths.	Annual death rate per 1,000.
January	1,055	50.65	753	36.22	760	30.46
February	884	47.08	689	36.69	[3]706	30.81
March	887	42.62	885	42.67	[3]770	30.02
April	[1]805	40.02	[1]886	44.04	[3]1,327	53.46
May	[1]732	35.21	[1]903	43.44	[3]1,688	65.81
June	[1]599	29.79	[1]621	30.89	[3]1,418	57.13
July	[1]787	37.09	[2]608	28.46	[3]2,223	86.68

[1] Death rate computed on population of 244,732 (Health Department's Census), stillbirths included.
[2] Death rate computed on population of 250,000; stillbirths not included.
[3] Death rate computed on population of 302,154; stillbirths not included.

Disinterments, July, 1902.

Paco Cemetery	6
Chinese Cemetery (for removal to China)	9
Malate	2
Santa Cruz	8
Binondo	
Total	25

Veterinary Division.

WILLIAM W. RICHARDS, V. S., *City Veterinarian.*
JOHN G. SLEE, D. V. S., *Asst. City Veterinarian.*

On arrival in city:	
Number of cattle inspected	2,270
Number of hogs inspected	2,610
Number of carabaos inspected	173
Number of sheep inspected	13
Number of goats inspected	32
Number of horses inspected	302
Number of other animals inspected	3
In Government slaughterhouse:	
Number of cattle slaughtered	2,045
Number of hogs slaughtered	4,242
Number of sheep slaughtered	74
Number of cattle condemned and cremated	35
Number of hogs condemned and cremated	25
Number of horses condemned for glanders	0

Report of Prescriptions Filled at the Municipal Dispensary, Showing Districts, Sex, and Age of Persons to Whom Medicines Have Been Given During the Month.

Districts.	Americans.				Foreigners.				Filipinos.				Chinese.				Total.
	Adult.		Children.		Adult.		Children.		Adult.		Children.		Adult.		Children.		
	M.	F.	Boy.	Girl.	M.	F.	Boy.	Girl.	M.	F.	Boy.	Girl.	M.	F.	Boy.	Girl.	
Walled City																	
Concepcion																	
San Miguel																	
Ermita																	
Malate																	
Paco																	
Santa Ana																	
Sampaloc																	
Pandacan																	
Quiapo																	
Santa Cruz																	
Binondo																	
San Nicholas																	
Tondo																	
Total																	

Report on Vaccination, City of Manila, During the Month of July, 1902.

	Children.			Adults.			Totals.			Grand totals.
	Filipinos.	Chinese.	Americans and foreigners.	Filipinos.	Chinese.	Americans and foreigners.	Filipinos.	Chinese.	Americans and foreigners.	
Walled City	327			610	188	8	937	188	8	1,133
Binondo	523			786	975	9	1,309	975	9	2,293
San Nicolas	281			518	1,644	4	799	1,644	4	2,447
Tondo	908			1,243	442	20	2,151	442	20	2,613
Santa Cruz	381			573	624	14	954	624	14	1,662
Quiapo	98	4		296	487	11	394	491	11	896
San Miguel	143			357	209		500	209		709
Sampaloc	301			672	49	36	973	49	36	1,058
Paco	296			333	122	2	629	122	2	753
Ermita	378			467	53	1	845	53	1	899
Malate	290			225	8	8	515	8		523
Pandacan										
Santa Ana										

RECAPITULATION.

Children	3,930
Adults	11,056
Total	14,986
Filipinos	10,006
Chinese	4,875
Americans and foreigners	115
Total	14,996

Vaccine Virus Issued During Month Ended July 31, 1902.

Vaccine Institute, SATURNINO ESPEJO, Director.

Army	2,740
Navy	7,100
Inhabitants of the Archipelago (excluding Manila)	36,775
Amount of vaccine virus sold to the public	125
Amount of vaccine virus used by public vaccinator	14,986
Total	61,726

Reports Received of Lepers Living in the Various Provinces of the Philippine Islands, to July 31, 1902.

Province.	Number of men.	Number of women.	Children and young.		Single.		Married.		Widower.	Widow.	Race.	Total.
			M.	F.	M.	F.	M.	F.				
Antique	92	37	2	2	38	28	43	4	12	5	Filipinos	133
Batangas	19	5			12	3	3	3	3		do	24
Bataan	10	4	1	1	5		3	2	2	2	do	16
Benguet	31	10	1	1	1		21	10	9		Igorrotes	43
Ambos Camarines	33	17	1	1	24	12	8	5	1		Filipinos	52
Bulacan	17	9	2	1	12	6	5	3			do	29
Ilocos Norte	45	28	5	2	9	10	31	8	5	10	do	80
Ilocos Sur	176	84	4	2	101	50	66	17	14	12	do	266
Leyte	49	38	1	3	26	27	20	7	3	4	do	91
Masbate	51	35	25	10	22	15	23	19	2	5	do	121
Cagayan	46	30		3	20	10	20	19	6	1	do	79
Lepanto	14	4	1		5	1	8		1	3	do	19
Cavite	17	5		3	16	3	1			2	do	25
Nueva Ecija	44	24			19	12	22	8	2	5	do	68
Negros Occidental	26	11	5	1	17	10	8	1	1		do	43
Pampanga	8	5	2		3	1	5	3	1		do	15
Pangasinan	120	80	2	3	36	28	65	38	19	14	do	205
Rizal	41	24	2		19	12	21	7	3	3	do	67
Marinduque	1	1	1			1	1				do	3
Laguna	1						1				do	1
San Lazaro	112	60	2	2	83	36	27	20	2	4	do	176
Tarlac	27	24	11	4	7	9	17	11	2	5	do	66
Sorsogon	75	33	1	1	33	17	40	10	3	3	do	110
Romblon	5	10			3	6	2	3	1		do	15
Samar	39	32	13	8	17	9	21	18	3	3	do	92
Union	43	28	3		15	14	24	12	4	2	do	74
Zambales	58	35	2		30	15	26	13	4	5	do	95
Mindanao	140	74	3	3	84	46	45	18	9	12	Moros	220
Cebú	125	74	2	2	108	59	17	14	1		Filipinos	203
Iloilo	231	66	11	2	113	37	94	9	24	20	do	310
Negros Oriental	66	42	6	2	27	23	32	14	7	5	do	116
Isabela de Luzon	18	4	1		3	1	10	3	5		do	23
Tayabas	1								1		do	1
Albay	68	33	1	1	30	18	27	10	11	5	do	103
Nueva Vizcaya	8	8	2		3		3	5	2	3	do	18
Abra	11	6			5	4	5	2	1		do	17
Bohol	20	24			11	13	7	10	2	1	do	44
Total	1,888	1,004	113	58	957	536	771	326	166	186		3,063

Bureau of Government Laboratories.

LOCUST FUNGUS.—Mr. Barker B. Sherman, Division Superintendent of Schools at Leyte, reports a successful destruction of locust by means of a culture of African fungus sent to the Governor of that Province. Diagnostic Determinations.

General Inspection of Houses, Premises, Vaults, etc., with Improvements Ordered, Disinfected, Whitewashed, Cleaned, etc., by Medical Inspectors, Chief Sanitary Inspectors, and Sanitary Inspectors, for the Month of July, 1902.

Houses inspected by the chief sanitary inspectors	7,650
Houses reinspected for verification of work ordered	1,890
Houses inspected by sanitary inspectors	262,500
Houses reinspected by sanitary inspectors	123,092
Houses ordered cleaned	32,556
Houses cleaned	31,242
Houses ordered whitewashed and painted	2,563
Houses whitewashed and painted	2,215
Houses disinfected	1,297
Houses in which traps are set	0
Houses in which bane is placed	0
Number of houses where garbage has not been removed for two days	227
Number of persons reported sick to municipal physician	623
Cesspools and vaults ordered cleaned	967
Cesspools cleaned	746
Yards ordered cleaned	7,371
Yards cleaned	5,682
Yards ordered repaired (repaved, etc.)	3,691
Yards repaired	2,213
Licenses inspected	540
Traps set	0
Plates with rat bane placed	0
Licenses disapproved	9
Loads of night soil removed	170
Gallons of night soil removed	85,000
Houses cleaned by laborers	12,263
Cart-loads of dirt removed from houses	176

Report of Houses Inspected and Repairs Ordered, under the Direction of Mr. H. D. Osgood, Assistant Sanitary Engineer, Board of Health, for July, 1902.

Houses inspected	165
Houses recommended repaired	73
Houses repaired	73
Houses recommended repaved	73
Houses destroyed, closets, cesspools, etc., recommended repaired	23

Autopsies.

Asiatic cholera	341
Lobar pneumonia	7
Puerperal septicemia	1
Beri-beri	351

Analyses.

Paints	13
Urines	44
Oils	1
Glycerine	1

1,428 capsules and 641 liters of benzoyl-acetyl-peroxide were prepared.

Diagnoses.

	Pos.	Neg.	Total.
Sputa for tuberculosis	8	26	34
Sputa for pneumococcus	3	0	3
Blood for Widal reaction	0	1	1
Smears for gonococci	16	20	36
Feces		95	128
Ameba dysenteriæ	15		
Ameba coli	1		
Monads	6		
Strongylodies intestinalis	1		
Ova trichocephalus dispar	6		
Ova uncinaria duodenale	2		
Ova ascaris lumbricoides	1		
Tænia saginata	1		
Blood counts			12
Malarial parasites		14	18
Tertian	3		
Aestivo atumnal	1		
Total	64	156	232

Report of Inspections of Nipa Houses, Pursuant to Ordinance No. 12 of the Municipal Board of the City of Manila, by Capt. Fred. M. Barney, Medical Inspector, July, 1902.

1	Houses where bamboo or wooden floors were ordered raised one meter above the ground	42	
2	Houses where the side walls and all other obstructions were ordered removed from under the floor	761	
3	Houses recommended to be removed on account of proximity to other buildings, or on account of unsanitary or dilapidated condition		
4	Total number nipa houses inspected during the month		

Meteorogical Data deduced from Hourly Observations for Month of July, taken from "Observatorio Central de Manila."

July, 1902.	Date.													
	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Temperature, mean, Fahrenheigt	81.0	81.9	78.3	78.3	80.2	79.5	79.0	80.2	79.5	82.2	81.9	82.4	79.2	80.2
Humidity, mean, per cent	81.3	80.9	89.0	89.6	84.5	87.4	88.7	87.4	86.9	79.0	81.1	82.5	91.0	85.2
Rainfall, total, inches	0.106		1.390	0.161		0.374	1.118	0.539	1.323	0.193	0.173		0.524	

MONTHLY REPORT

OF THE

Board of Health for the Philippine Islands

AND

CITY OF MANILA.

AUGUST, 1902.

BOARD OF HEALTH.

FRANK S. BOURNS, M. D.,
Commissioner of Public Health.

CAPT. MCGREGOR,
Sanitary Engineer.

P. C. FREER, M. D., Ph. D.,
Superintendent of Government Laboratories.

MANUEL GOMEZ MARTINEZ, M. D.,
Secretary.

MANILA:
BUREAU OF PUBLIC PRINTING.
1902.

1249

LETTER OF TRANSMITTAL.

DEPARTMENT OF THE INTERIOR,
BUREAU OF PUBLIC HEALTH FOR THE PHILIPPINES,
OFFICE OF THE COMMISSIONER,
Manila, P. I., September 8, 1902.

SIR: I have the honor to submit herewith the report of the work of the Board of Health for the Philippine Islands and City of Manila for the month of August, 1902.

Very respectfully,

FRANK S. BOURNS,
Commissioner of Public Health.

To the HONORABLE SECRETARY OF THE INTERIOR,
Manila, P. I.

Cholera in the Provinces.

Province.	Cases.	Deaths.	Mortality.	Province.	Cases.	Deaths.	Mortality.
Albay				Marinduque			
Abra				Masbate	1	1	100.00
Antique				Mindoro	285	235	82.45
Bataan	2,596	1,691	65.13	Nueva Ecija			
Batangas	3,093	2,330	75.33	Negros, Occidental	332	144	43.37
Bengued	101	101	100.00	Negros, Oriental			
Bohol	383	287	74.93	Pampanga			
Bulacan	2,157	1,489	69.03	Pangasinan	994	576	57.95
Cagayan	374	319	85.29	Rizal			
Camarines	913	807	88.38	Romblon			
Capiz				Samar	81	69	85.18
Cavite	2,693	1,597	59.67	Surigao			
Cebu	1,363	810	59.42	Tarlac	549	460	83.68
Ilocos Norte	4,028	2,912	72.29	Tayabas	203	154	75.86
Ilocos Sur	9,223	5,711	61.92	Sorsogon	1	1	100.00
Iloilo	67	46	68.65	Union	2,722	2,271	83.43
Laguna	2,458	1,831	74.49	Zambales	2,050	1,198	58.43
Leyte	986	642	94.41				
				Total	37,653	31,608	83.94

Population of Manila.

Filipinos	223,900
Chinese	60,680
Foreigners	7,852
Americans	9,722
Total	302,154

Deaths Occurring During the Month of August.

Filipinos	1,546
Chinese	123
Foreigners	21
Americans	22
Total	1,712

Annual Death Rate per Thousand for the Month.

Filipinos	81.35
Chinese	23.88
Foreigners	31.52
Americans	26.66
Average	66.75

Births Reported in August.

Filipinos	179
Chinese	
Foreigners	6
Americans	1
Total	186

Annual Birth Rate per Thousand for the Month.

Filipinos	9.41
Chinese	
Foreigners	9.00
Americans	1.21
Average	7.25

Summary of Statistics of Births and Deaths.

Population, census estimated, Health Department	302,154
Mortality for the month of August	1,712
Annual death rate per 1,000 for month of August	66.75
*Births reported	186
Annual birth rate (based on reports)	7.25

*Incomplete.

Deaths by Age.

Under 30 days	88
30 days to 1 year	404
1 year to 2 years	115
2 years to 5 years	161
5 years to 10 years	95
10 years to 15 years	45
15 years to 20 years	67
20 years to 25 years	83
25 years to 30 years	132
30 years to 40 years	221
40 years to 50 years	146
50 years to 60 years	88
60 years to 70 years	52
70 years to 80 years	40
80 years to 90 years	17
90 years to 100 years	15
100 years to 110 years	4
Unknown	11
Total	1,784

Stillbirths, 31. Of the grand total of 1,784 deaths, 72 were those of transients, while 1,712 were permanent residents of Manila.

Deaths by Districts.

Walled City	95
Binondo	130
San Nicolas	154
Tondo	460
Santa Cruz	290
Quiapo	116
Sampaloc	150
San Miguel	76
Paco	96
Ermita	41
Malate	53
Pandacan	27
Transient residents	72
Santa Ana	13
Unknown	11
Total	1,784

31 of above were stillbirths.

Number of deaths with medical attendance	784
Number of deaths without medical attendance	874
Number of deaths, Chinese with medical attendance	12
Number of deaths, Chinese without medical attendance	114
Total	1,784

31 of above were stillbirths.

CAUSES OF DEATHS FOR THE MONTH OF AUGUST, 1902.

(STILLBIRTHS NOT INCLUDED.)

	NOMENCLATURE DESIGNED FOR THE STATISTICS OF DEATH.	NOMENCLATURA PARA LAS ESTADÍSTICAS DE DEFUNCIONES.	Americans.		Europeans.		Filipinos.		Chinese.		Total.
			M.	F.	M.	F.	M.	F.	M.	F.	
	I.	**I.**									
	General Diseases.	**Enfermedades Generales.**									
1	Typhoid fever (abdominal typhus)	Fiebre tifoidea	1				12	3	3		19
2	Exanthematic typhus	Tifus exantemático									
3	Recurrent fever	Fiebre recurrente									
4	Intermittent fever, and malarial cachexia	Fiebre intermitente					6	6	1		13
4a	Malarial cachexia	Caquexia palúdica					1	3	2		6
5	Variola	Viruelas					1				1
6	Measles	Sarampión									
7	Scarlatina	Escarlatina									
8	Whooping cough	Tos ferina					1				1
9	Diphtheria and croup	Difteria y crup									
9a	Diphtheria	Difteria									
10	Grippe	Gripe						1			1
11	Millary fever	Fiebre miliar									
12	Asiatic cholera	Cólera asiático	18	1	11	2	259	222	71	3	587
13	Cholera, nostras	Cólera nostras									
14	Dysentery	Disentería					36	34	3		73
14a	Epidemic dysentery	Disentería epidémica									
15	Plague	Peste							1		1
16	Yellow fever	Fiebre amarilla									
17	Leprosy	Lepra							1		1
18	Erysipelas	Erisipelas					2				2
19	Other epidemic affections (beri-beri)	Otras afecciones epidemícas (beri-beri)					21	31	9		61
20	Purulent infection and septicæmia	Infección purulenta y septicemia				1	1	1			3
21	Glanders and farcy	Muermo y lamparones									
22	Malignant pustule and anthrax	Pústula maligna y antrax						1			1
23	Rabies	Rabia									
24	Actinomycosis, trichinosis, etc	Actinomicosis, trichinosis, etc									
25	Pellagra	Pelagra									
26	Tuberculosis of larynx	Tuberculosis de la laringe							1		1
27	Tuberculosis of lungs	Tuberculosis del pulmón	1				44	37	4		86
28	Tuberculosis of meninges	Tuberculosis de las meninges			1		1				2
29	Tuberculosis of abdomen	Tuberculosis abdominal					2	3			5
30	Pott's disease	Mal de Pott					1				1
31	Cold abscess and abscess by congestion	Abscesos fríos y por congestión					1				1
32	White swellings	Tumores blancos									
33	Tuberculosis of other organs	Tuberculosis de otros órganos									
34	Generalized tuberculosis	Tuberculosis generalizada									
35	Scrofula	Escrófula					3	2			5
36	Syphilis	Sífilis					2				2
37	Gonorrhea of the adult	Blenorragia en los adultos									
38	Gonococcic infections of children	Afecciones gonocócicas en los niños									
39	Cancer and other malignant tumors of the bucal cavity.	Cáncer ú otros tumores malignos en la cavidad bucal									
40	Cancer and other malignant tumors of the stomach and liver.	Cáncer ú otros tumores malignos del estómago é hígado.									
41	Cancer and other malignant tumors of Peritoneum, intestines and rectum	Cáncer ú otros tumores malignos del peritoneo, intestinos y recto.									
42	Cancer and other malignant tumors of the female genitals.	Cáncer ú otros tumores malignos de los órganos genitales de la mujer.									
43	Cancer and other malignant tumors of the breast	Cáncer ú otros tumores malignos de la mama									
44	Cancer and other malignant tumors of the skin	Cáncer ú otros tumores malignos de la piel									
45	Cancer and other malignant tumors of other organs and organs not specified.	Cáncer ú otros tumores malignos en otros órganos						2			2
46	Other tumors (tumors of the female genitals excepted)	Otros tumores (exceptuándose los de los órganos genitales de la mujer).									
47	Acute articular rheumatism	Reumatismo articular agudo						1			1
48	Chronic rheumatism, and gout	Reumatismo crónico y gota					1				1
49	Scurvy	Escorbuto									
50	Diabetes	Diabetes									
51	Exophthalmic goiter	Bocio exoftálmico									
52	Addisson's disease	Enfermedad bronceada de Addison									
53	Leukæmia	Leucemia						1			1
54	Anæmia, chlorosis	Anemia, clorosis					1	6	4		11
55	Other general diseases	Otras enfermedades generales									
56	Acute alcoholism or chronic	Alcoholismo agudo ó crónico									
57	Lead-poisoning	Saturnismo									
58	Other poisonings incident to occupations	Otras intoxicaciones profesionales crónicas									
59	Other chronic poisonings	Otros envenenamientos crónicos									
	II.	**II.**									
	Diseases of the Nervous System and the Organs of Special Sense.	**Enfermedades del Sistema Nervioso y de los Organos de los Sentidos.**									
60	Encephalitis	Encefalitis						2			2
61	Simple meningitis	Meningitis simple					18	20		1	39
61a	Epidemic cerebro-spinal, meningitis	Meningitis cérebro-espinal epidémica									
62	Progressive locomotor ataxia	Ataxia locomotriz progresiva									
63	Other diseases of the spinal cord	Otras enfermedades de la médula espinal									
64	Cerebral congestion and hemorrhage	Congestión y hemorragia cerebrales					7	5	1		13
65	Cerebral softening	Reblandecimiento cerebral					1				1
66	Paralysis without apparent cause	Parálisis sin indicación de causa									
67	General paralysis	Parálisis generales					4	1			5

	NOMENCLATURE DESIGNED FOR THE STATISTICS OF DEATH.	NOMENCLATURA PARA LAS ESTADÍSTICAS DE DEFUNCIONES.	Americans. M.	Americans. F.	Europeans. M.	Europeans. F.	Filipinos. M.	Filipinos. F.	Chinese. M.	Chinese. F.	Total.
	II. Diseases of the Nervous System and the Organs of Special Sense—Cont'd.	**II.—Enfermedades del Sistema Nervioso y de los Organos de los Sentidos—Cont'd.**									
68	Other forms of insanity	Otras formas de alienación mental									
69	Epilepsy	Epilepsia						1			1
70	Eclampsia (nonpuerperal)	Eclampsia (no puerperal)					61	41		1	103
71	Convulsions of children	Convulsiones en los niños				1	143	108			252
72	Tetanus	Tétano					8	6			14
73	Chorea	Corea									
74	Other diseases of the nervous system	Otras enfermedades del sistema nervioso					5	3			8
75	Diseases of the eye and its adnexa	Enfermedades de ojos y sus anexos									
76	Diseases of the ear	Enfermedades de los oídos									
	III. Diseases of the Circulatory System.	**III. Enfermedades del Aparato Circulatorio.**									
77	Pericarditis	Pericarditis									
78	Acute endocarditis	Endocarditis aguda			1		1	5	1		8
79	Organic disease of the heart	Enfermedades orgánicas del corazón					11	6	1		18
80	Angina pectoris	Angina de pecho					6	9			15
81	Affections of the arteries (atheroma, aneurism, etc.)	Afecciones de las arterias, etc					1	1	2		4
82	Embolus and thrombosis	Embolia y trombosis					1	3			4
83	Affections of the veins (varices, hemorrhoides, phlebitis).	Afecciones de las venas									
84	Affections of the lymphatic system (lymphangitis, etc.).	Afecciones del sistema linfático									
85	Hemorrhages	Hemorragias						1			1
86	Other affections of the circulatory system	Otras afecciones del aparato circulatorio									
	IV. Diseases of the Respiratory System.	**IV. Enfermedades del Aparato Respiratorio.**									
87	Diseases of the nasal fosse	Enfermedades de las fosas nasales									
88	Affections of the larynx	Afecciones de la laringe					4	4			8
89	Affections of the thyroid body	Afecciones del cuerpo tiroideo									
90	Acute bronchitis	Bronquitis aguda					15	15			30
91	Chronic bronchitis	Bronquitis crónica					21	24	1		46
92	Broncho-pneumonia	Bronco-pneumonía			1		1	1	1		4
93	Pneumonia	Pneumonía					3			1	4
94	Pleurisy	Pleuresía				1		1			2
95	Pulmonary congestion and apoplexy	Congestion y apoplegía pulmonares					1	1			2
96	Gangrene of the lungs	Gangrena del pulmón									
97	Asthma	Asma						1			1
98	Pulmonary emphysema	Enfisema pulmonar						1			1
99	Other diseases of the respiratory system (phthisis excepted).	Otras enfermedades del aparato respiratorio (exceptuándose la tísis).									
	V. Diseases of Digestive System.	**V. Enfermedades del Aparato Digestivo.**									
100	Affections of the mouth and its adnexa	Afecciones de la boca y de sus anexos									
101	Affections of the pharynx	Afecciones de la faringe									
102	Affections of the esophagus	Afecciones del esófago									
103	Ulcer of the stomach	Ulcera del estómago									
104	Other affections of the stomach (cancer excepted)	Otras afecciones del estómago (exceptuándose el cáncer).					2	7	1		10
105	Diarrhea and enteritis (under two years)	Diarrea y enteritis (en niños menores de 2 años)				1	4	5			10
105a	Chronic diarrhea and enteritis	Diarrea y enteritis crónica					47	31	4		82
106	Diarrhea and enteritis (two years and over)	Diarrea y enteritis (en niños de 2 ó más años)					2	2			4
107	Intestinal parasites	Parásitos intestinales					5	4			9
108	Hernias; intestinal obstructions	Hernias; obstrucciones intestinales					1	1			2
109	Other affections of the intestines	Otras afecciones del intestino									
110	Acute yellow atrophy of the liver	Ictericia grave						2			2
111	Hydatid tumors of the liver	Tumores hidátidicos del hígado									
112	Cirrhosis of the liver	Cirrosis del hígado					2				2
113	Biliary calculi	Cálculos biliares					1				1
114	Other affections of the liver	Otras afecciones del hígado					3	1	3		7
115	Affections of the spleen	Afecciones del bazo									
116	Simple peritonitis (puerperal excepted)	Peritonitis simple (exceptuándose la puerperal)						1			1
117	Other affections of the digestive system (cancer and tuberculosis excepted).	Otras afecciones del aparato digestivo (exceptuándose el cáncer y tuberculosis).							1		1
118	Appendicitis and abscess of the iliac fossa	Apendicitis y flemón de la fosa iliaca									
	VI. Diseases of the Genito-Urinary System and its Adnexa.	**VI. Enfermedades del Aparato Génito Urinario y de sus Adnexos.**									
119	Acute nephritis	Nefritis aguda					2	1			3
120	Bright's disease	Mal de Bright					3	1	1		5
121	Other diseases of the kidneys and their adnexa	Otras enfermedades de los riñones y de sus anexos									
122	Calculi of the urinary tract	Cálculos de las vías urinarias									
123	Diseases of the bladder	Enfermedades de la vegiga									
124	Diseases of the urethra, urinary abscess, etc	Enfermedades de la uretra									
125	Diseases of the prostate	Enfermedades de la próstata									
126	Nonvenereal diseases of the male genital organs	Enfermedades no venereas de los órganos genitales del hombre.									
127	Metritis	Metritis						2			2
128	Uterine hemorrhage (nonpuerperal)	Hemorragia uterina (no puerperal)									
129	Tumor, uterine (noncancerous)	Tumor uterino (no canceroso)									
130	Other diseases of the uterus	Otras enfermedades del útero									
131	Cysts and other tumors of the ovary	Quistes y otras tumores del ovario						1			1
132	Other diseases of the female genital organs	Otras enfermedades de los organos genitales de la mujer.									
133	Nonpuerperal diseases of the breast (cancer excepted).	Enfermedades no puerperales de la mama (exceptuándose el cáncer).									

	NOMENCLATURE DESIGNED FOR THE STATISTICS OF DEATH.	NOMENCLATURA PARA LAS ESTADÍSTICAS DE DEFUNCIONES.	Americans. M.	Americans. F.	Europeans. M.	Europeans. F.	Filipinos. M.	Filipinos. F.	Chinese. M.	Chinese. F.	Total.
	VII. The Puerperal State.	**VII. Estado Puerperal.**									
134	Accidents of pregnancy	Accidentes de la preñez						1			1
135	Puerperal hemorrhage	Hemorragia puerperal						3			3
136	Other accidents of labor	Otros accidentes del parto									
137	Puerperal septicæmia	Septicemia puerperal						7			7
138	Albuminuria and puerperal eclampsia	Albuminuria y eclampsia puerperales									
139	Puerperal phlegmasia alba dolens	Flegmasia alba dolens puerperal									
140	Other puerperal accidents—sudden death	Otros accidentes puerperales—muerte repentina									
141	Puerperal diseases of the breast	Enfermedades puerperales de la mama									
	VIII. Diseases of the Skin and Cellular Tissue.	**VIII. Enfermedades de la Piel y del Tejido Celular.**									
142	Gangrene	Gangrena									
143	Furuncle	Forúnculo									
144	Warm-acute abscess	Abscesos calientes agudos									
145	Other diseases of the skin and its adnexa	Otras enfermedades de la piel									
	IX. Diseases of the Organs of Locomotion.	**IX. Enfermedades de los Órganos de la Locomoción.**									
146	Affections of the bones (nontuberculous)	Afecciones de los huesos(exceptuando la tuberculosis)						1			1
147	Diseases of the joints (tuberculosis and rheumatism excepted).	Afecciones de las articulaciones (exceptuando la tuberculosis y el reumatismo).									
148	Amputation	Amputación									
149	Other affections of the organs of locomotion	Otras afecciones de los órganos de la locomoción									
	X. Malformations.	**X. Vicios de Conformación.**									
150	Congenital malformations (stillbirths excepted)	Vicios de conformación congénitos (exceptuándose los de niños nacidos muertos).					4	4			8
	XI. Early Infancy.	**XI. Primera Infancia.**									
151	Congenital debility icterus and sclerema	Debilidad congéntia, ictericia y esclerema				1	12	12			25
152	Other special diseases of early infancy	Otras enfermedades especiales de la primera edad					1	3			4
153	Lack of care	Falta de cuidados						3			3
	XII. Old Age.	**XII. Vejez.**									
154	Senile debility	Debilidad senil					6	19			25
	XIII. Affections Produced by External Causes.	**XIII. Afecciones Producidas por Causas Exteriores.**									
155	Suicide by poison	Suicidio por envenenamiento									
156	Suicide by asphyxia	Suicidio por asfixia									
157	Suicide by hanging or strangulation	Suicidio por suspensión ó por extrangulación									
158	Suicide by submersion	Suicidio por submersión									
159	Suicide by firearms	Suicidio por armas de fuego									
160	Suicide by cutting instruments	Suicidio por instrumentos cortantes	1								1
161	Suicide by jumping from high place	Suicidio por dejarse caer desde un punto elevado									
162	Suicide by crushing	Suicidio por aplastamiento									
163	Other suicides	Otros suicidios									
164	Fractures	Fracturas									
165	Dislocations	Luxaciones									
166	Other accidental traumatisms	Otros traumatismos accidentales									
167	Burns	Quemaduras per el fuego									
168	Burning by corrosive substances	Quemaduras por substancias corrosivas					1				1
169	Insolation	Insolación									
170	Freezing	Congelación									
171	Electrical shocks	Commoción eléctrica									
172	Accidental submersion	Submersión accidental									
173	Inanition	Inanición					6	6			12
174	Inhalation of deleterious gases (suicide excepted)	Absorción de gases deletéreos									
175	Other acute poisonings	Otros envenenamientos agudos									
176	Other external violence	Otras violencias exteriores						1			1
	XIV. Ill-defined Diseases.	**XIV. Enfermedades mal Definidas.**									
177	Dropsy	Hidropesía					1				1
178	Sudden death	Muerte repentina									
179	Unspecified or ill-defined causes of death	Causas de muerte no especificadas ó mal definidas					2				2
180	Unknown										
	Total		21	1	14	7	814	732	117	6	1712
	Grand total		22		21		1546		123		1712

Number of Deaths with Causes Occurring Among Transients in Manila During the Month of August. These Deaths Are not Included in Preparing Death Rate of City.

			Americans.		Foreigners.		Filipinos.		Chinese.		Total.
			M.	F.	M.	F.	M.	F.	M.	F.	
	I.	**I.**									
	General Diseases.	**Enfermedades Generales.**									
4	Intermittent fever and malarial cachexia	Fiebre intermitente					1	1			2
4a	Malarial cachexia	Caquexia palúdica					1				1
12	Asiatic cholera	Cólera Asiático					5	2	1		8
14	Dysentery	Disenteria	1					1	1		3
17	Leprosy	Lepra					7	2			9
19	Other epidemic affections (beri-beri)	Otras afecciones epidémicas (beri-beri)					28	1			29
20	Purulent infection and septicæmia	Infeccion purulenta y septicemia					1				1
27	Tuberculosis of lungs	Tuberculos de los pulmones					1	2	1		4
29	Tuberculosis of abdomen	Tuberculosis abdominal						1			1
	II.	**II.**									
	Diseases of the Nervous System and the Organs of Special Sense.	**Enfermedades del Sistema Nervioso, y otros Organos del Sentido Especial.**									
61	Meningitis, simple	Meningitis simple									
64	Cerebral congestion and hemorrhage	Congestion cerebral y hemorragia			1						1
70	Eclampsia (nonpuerperal)	Eclampsia (no puerperal)						1			1
71	Convulsions of children	Convulsiones en los niños						1			1
	III.	**III.**									
	Diseases of the Circulatory System.	**Enfermedades del Aparato Circulatorio.**									
79	Organic disease of the heart	Enfermedades organicas del corazon									
	IV.	**IV.**									
	Diseases of the Respiratory System.	**Enfermedades del Sistema Respiratorio.**									
91	Chronic bronchitis	Bronquitis cronica					1	2			3
93	Pneumonia	Pneumonia	1				1	1			3
95	Pulmonary congestion and apoplexy	Congestion pulmonar y apoplegia									
97	Asthma	Asma									
	V.	**V.**									
	Diseases of Digestive System.	**Enfermedades del Aparato Digestivo.**									
105a	Chronic diarrhea and enteritis	Diarrea y enteritis cronicas						1			1
107	Intestinal parasites	Parasitos intestinales									
	VI.	**VI.**									
	Diseases of the Genito-Urinary System and Its Adnexa.	**Enfermedades del Aparato Genito-urinario, y sus Anexos.**									
119	Acute nephritis	Nefritis aguda					2				2
120	Bright's disease	Enfermedad de Bright									
	VII.	**VII.**									
	The Puerperal State.	**Estado ó periodo puerpal.**									
137	Puerperal septicæmia	Septicemia puerperal									
	XI.	**XI.**									
	Early Infancy.	**Enfermedades de la Infancia.**									
151	Congenital debility, icterus and sclerema	Debilidad congenita, ictericia y sclerema									
	XII.	**XII.**									
	Old Age.	**Vejez.**									
154	Senile debility	Debilidad senil						1			1
	XIII.	**XIII.**									
	Affections Produced by External Causes.	**Afecciones Producidas por Causas Externas.**									
173	Inanition	Inanicion									
175	Other acute poisonings	Otros envenenamientos agudos	1								1
	Total		3		1		48	17	3		72

Burials, August, 1902.

Cemeteries.	No.
Loma (Government)	484
Paco General (Government)	27
Santa Cruz	4
Balic-balic	184
Binondo	45
Tondo	471
Maytubig	50
Malate	99
Pandacan	29
Chinese	123
Crematory	252
Santa Ana	33
American National Cemetery	7
San Pedro Macati	4
United States morgue	2
A corpse transported to Malabon	1
Total	1,815

Thirty-one of the above were stillbirths and 72 transient residents.

A Classified Report of all Deaths Occurring in Manila During the Month of August, 1902.

Boy.	Girl.	Single.	Maid.	Married. Male.	Married. Female.	Widow.	Widower.	Not classified. Male.	Not classified. Female.	Total.
482	391	176	85	166	174	62	35	161	52	1784
873		261		340		97		213		1784

Stillbirths, 31.

Crematories.

	AUGUST, 1902. Paco.	Santa Cruz.	Total.
Carcasses of native horses consumed	35	66	101
Carcasses of American horses consumed	33	6	39
Carcasses of mules consumed	21	1	22
Carcasses of carabaos consumed	9	28	37
Carcasses of cows consumed	13	22	35
Carcasses of dogs consumed	8	6	14
Carcasses of fowls consumed	23	550	573
Carcasses of cats consumed	10		10
Carcasses of rats consumed	14	606	620
Carcasses of pigs consumed	2	4	6
Cart loads of house refuse consumed	449	1,615	2,064
Cart loads of bacon consumed (rotten)		7	7
Cart loads of potatoes and candy consumed		6	6
Cart load of cheese consumed		1	1
Cart load of rice consumed		1	1
Cart loads of slop consumed	287		287

Comparative Mortality from August 1, 1901, to August 31, 1902.

Month.	1900. No. deaths.	1900. Annual death rate per 1,000.	1901. No. deaths.	1901. Annual death rate per 1,000.	1902. No. deaths.	1902. Annual death rate per 1,000.
January	1,055	[1]50.65	753	[1]36.22	760	[2]30.46
February	884	[1]47.08	689	[1]36.69	706	[2]30.81
March	887	[1]42.62	885	[1]42.67	770	[2]30.02
April	805	[1]40.02	886	[1]44.04	1,327	53.46
May	732	[1]35.21	903	[1]43.44	1,688	65.81
June	599	[1]29.79	621	[1]30.89	1,418	57.13
July	787	[1]37.09	608	[1]28.46	2,223	86.68
August	773	[1]36.43	702	[1]33.08	1,712	66.75

[1] Death rate computed on population of 244,732 (Health Department's Census), stillbirths included.
[2] Death rate computed on population of 302,154; stillbirths not included.

Disinterments, August, 1902.

Paco Cemetery	7
Chinese Cemetery (for removal to China)	1
Malate	3
Santa Cruz	4
Binondo	1
Loma Cemetery	1
Pandacan	1
Total	18

Veterinary Division.

WILLIAM W. RICHARDS, V. S., *City Veterinarian.*
JOHN G. SLEE, D. V. S., *Asst. City Veterinarian.*

On arrival in city:	
Number of cattle inspected	1,650
Number of hogs inspected	3,979
Number of carabaos inspected	164
Number of sheep inspected	6
Number of goats inspected	48
Number of horses inspected	280
Number of other animals inspected	2
In Government slaughterhouse:	
Number of cattle slaughtered	1,595
Number of hogs slaughtered	5,177
Number of sheep slaughtered	1
Number of cattle condemned and cremated	2
Number of hogs condemned and cremated	26
Number of horses condemned for glanders	5

Report of Prescriptions Filled at the Municipal Dispensary, Showing Districts, Sex, and Age of Persons to Whom Medicines Have Been Given During the Month.

Districts.	Americans. Adult. M.	Americans. Adult. F.	Americans. Children. Boy.	Americans. Children. Girl.	Foreigners. Adult. M.	Foreigners. Adult. F.	Foreigners. Children. Boy.	Foreigners. Children. Girl.	Filipinos. Adult. M.	Filipinos. Adult. F.	Filipinos. Children. Boy.	Filipinos. Children. Girl.	Chinese. Adult. M.	Chinese. Adult. F.	Chinese. Children. Boy.	Chinese. Children. Girl.	Total.
Walled City									5	2	2	1					10
Concepcion									1	2	2	1					6
San Miguel									2		4	1					7
Ermita									8	3	1						12
Malate									24	16		3					43
Paco									30	29	7	10					76
Santa Ana									4	6							10
Sampaloc									33	54	44	35					166
Pandacan									6	1							7
Quiapo									50	70	8	5					133
Santa Cruz									29	12	2	5					48
Binondo									43	27	1	4					75
San Nicholas									4	4		5					13
Tondo									4	3							7
Station "F," Quiapo									3								3
Total									246	229	71	70					616

Report on Vaccination, City of Manila, During the Month of August, 1902.

	Children.			Adults.			Totals.			Grand totals.
	Filipinos.	Chinese.	Americans and foreigners.	Filipinos.	Chinese.	Americans and foreigners.	Filipinos.	Chinese.	Americans and foreigners.	
Walled City	341			472	9	3	813	9	3	825
Binondo	233			391	236		624	236		860
San Nicolas	237		3	401	147		638	150		788
Tondo	415			730	51	18	1,145	51	18	1,214
Santa Cruz	130			255	235	29	385	235	29	649
Quiapo	282			324	23		606	23		629
San Miguel	133			453	7	1	586	7	1	594
Sampaloc	2 4			432		15	666		15	681
Paco	473			287	37	4	760	37	4	801
Ermita	221			405	45	3	626	45	3	674
Malate	302			258	15	1	560	15	1	576
Pandacan										
Santa Ana										

RECAPITULATION.

Children	3,004
Adults	5,287
Total	8,291
Filipinos	7,409
Chinese	808
Americans and foreigners	74
Total	8,291

Vaccine Virus Issued During Month Ended August 31, 1902.

Vaccine Institute, SATURNINO ESPEJO, Director.

Army	1,000
Navy	1,450
Inhabitants of the Archipelago (excluding Manila)	51,600
Amount of vaccine virus sold to the public	230
Amount of vaccine virus used by public vaccinator	8,291
Total	62,571

Report of Sick and Wounded City Poor Attended by Municipal Physicians During the Month of August, 1902.

		Sex.		Children and young.		Nationality. Filipinos.		Chinese.		Foreigners.		Americans.		Total.	Cured.		Deaths.		Number of visits.
		M.	F.	Boys.	Girls.	M.	F.	M.	F.	M.	F.	M.	F.		M.	F.	M.	F.	
R. PERRAMON	Walled City	25	34	14	9	11	25							59	9	13	5	5	161
	Concepcion	6	7	2	2	4	5							13		5		1	35
	San Miguel	12	8	6	1	6	7							20	3		5	2	54
C. MORA	Paco	35	49	21	20	14	29							84	10	24	12	4	186
	Ermita	3	10	1	3	2	7							13				4	29
	Malate	33	22	17	12	16	10							55	11	4	13	6	129
	Santa Ana																		
C. REYES	Quiapo	3	10			3	10							13	2	5	1		75
	Santa Cruz	10	8	3	1	6	7	1						18	6	5	2	1	77
F. CASTAÑEDA	Sampaloc	25	36	15	16	10	20							61	11	15	2	6	157
	Pandacan		1				1							1				1	3
S. V. DEL ROSARIO	Binondo																		
V. PANTOJA	Tondo	3	4	1	1	2	3							7		3			15
V. CAVANNA	San Nicolas	11	23	4	8	7	15							34	7	11	2	3	136
Total		166	212	84	73	81	139	1						378	59	85	42	33	1,057

Report of the Smallpox Hospital, City of Manila, for the Month Ended August 31, 1902.

	Remaining from last report.	Admissions during the month.	Total to be accounted for.	Discharged cured.	Died.	Otherwise disposed of.	Remaining in hospital.
Americans and Europeans							
Chinese		1			1		
Filipinos							
Total		1			1		

Reports Received of Lepers Living in the Various Provinces of the Philippine Islands, to August 31, 1902.

Province.	Number of men.	Number of women.	Children and young.		Single.		Married.		Widower.	Widow.	Race.	Total.
			M.	F.	M.	F.	M.	F.				
Antique	92	37	2	2	38	28	43	4	12	5	Filipinos	133
Batangas	19	5			12	3	3	3	3		do	24
Bataan	10	4	1	1	5		3	2	2	2	do	16
Benguet	31	10	1	1	1		21	10	9		Igorrotes	43
Ambos Camarines	33	17	1	1	24	12	8	5	1		Filipinos	52
Bulacan	17	9	2	1	12	6	5	3			do	29
Ilocos Norte	45	28	5	2	9	10	31	8	5	10	do	80
Ilocos Sur	176	84	4	2	101	50	66	17	14	12	do	266
Leyte	49	38	1	3	26	27	20	7	3	4	do	91
Masbate	51	35	25	10	22	15	23	19	2	5	do	121
Cagayan	46	30		3	20	10	20	19	6	1	do	79
Lepanto	14	4	1		5	1	8		1	3	do	19
Cavite	17	5		3	16	3	1			2	do	25
Nueva Ecija	44	24			19	12	22	8	2	5	do	68
Negros Occidental	26	11	5	1	17	10	8	1	1		do	43
Pampanga	8	5	2		3	1	5	3	1		do	15
Pangasinan	120	80	2	3	36	28	65	38	19	14	do	205
Rizal	41	24	2		19	12	21	7	3	3	do	67
Marinduque	1	1	1			1	1				do	3
Laguna	1						1				do	1
San Lazaro	112	60	2	2	83	36	27	20	2	4	do	176
Tarlac	27	24	11	4	7	9	17	11	2	5	do	66
Sorsogon	75	33	1	1	33	17	40	10	3	3	do	110
Romblon	5	10			3	6	2	3	1		do	15
Samar	39	32	13	8	17	9	21	18	3	3	do	92
Union	43	28	3		15	14	24	12	4	2	do	74
Zambales	58	35	2		30	15	26	13	4	5	do	95
Mindanao	140	74	3	3	84	46	45	18	9	12	Moros	220
Cebú	125	74	2	2	108	59	17	14	1		Filipinos	203
Iloilo	231	66	11	2	113	37	94	9	24	20	do	310
Negros Oriental	66	42	6	2	27	23	32	14	7	5	do	116
Isabela de Luzon	18	4	1		3	1	10	3	5		do	23
Tayabas	1								1		do	1
Albay	68	33	1	1	30	18	27	10	11	5	do	103
Nueva Vizcaya	8	8	2		3		3	5	2	3	do	18
Abra	11	6			5	4	5	2	1		do	17
Bohol	20	24			11	13	7	10	2	1	do	44
Total	1,888	1,004	113	58	957	536	771	326	166	186		3,063

Infectious Diseases Reported During the Month of August, 1902, by Districts.

	Walled City.	Binondo.	San Nicolas.	Tondo.	Santa Cruz.	Quiapo.	Sampaloc.	San Miguel.	Paco.	Ermita.	Malate.	Pandacan.	Total.
Typhoid fever													
Variola													
Measles													
Asiatic cholera													
Leprosy													
Tuberculosis of lungs													
Total													

Report from Bureau of Government Laboratories, August, 1902.

Diagnoses.

	Pos.	Neg.	Total.
Sputa for tuberculosis	4	18	22
Sputa for pneumococcus			
Blood for Widal reaction		12	12
Smears for gonococci	49	32	81
Feces			201
Ameba dysenteriæ	23		
Ameba coli			
Monads	8		
Strongylodies intestinalis			
Ova trichocephalus dispar	1		
Ova uncinaria duodenale	1		
Asiatic cholera	64		
Tænia saginata	1		
Blood counts			29
Malarial parasites		26	28
Tertian	2		
Aestivo atumnal			
Total	153	88	373

Analyses.

Oils	1
Urines	43
Fibres	6
Medicines	5
Paints	2
Disinfectants	5
Sand	1
Total	63

Of the acetozone prepared, 800 capsules were issued for the treatment of cholera and dysentary, together with 666 litres of solution.

Autopsies.

Bubonic plague	1

Water, Food Stuffs, Etc.

Food stuffs and other articles from houses in which cases of cholera have occurred, and from markets	1,134
Evidence of fecal pollution in wells examined	6

General Inspection of Houses, Premises, Vaults, etc., with Improvements Ordered, Disinfected, Whitewashed, Cleaned, etc., by Medical Inspectors, Chief Sanitary Inspectors, and Sanitary Inspectors, for the Month of August, 1902.

Houses inspected by the chief sanitary inspectors	3,891	Cesspools and vaults ordered cleaned	335
Houses reinspected for verification of work ordered	1,389	Cesspools cleaned	90
Houses inspected by sanitary inspectors	79,535	Yards ordered cleaned	4,442
Houses reinspected by sanitary inspectors	15,899	Yards cleaned	8,970
Houses ordered cleaned	6,891	Yards ordered repaired (repaved, etc.)	792
Houses cleaned	22,397	Yards repaired	102
Houses ordered whitewashed and painted	781	Waterclosets ordered cleaned	381
Houses whitewashed and painted		Ground floors ordered cemented	13
Houses disinfected	1,319	Licenses disapproved	
Houses in which traps are set		Loads of night soil removed	
Houses in which bane is placed		Gallons of night soil removed	
Number of houses where garbage has not been removed for two days	326	Houses cleaned by laborers	
Number of persons reported sick to municipal physician	429	Cart-loads of dirt removed from houses	

Report of the Superintendent of the Pail System for the Month of August, 1902.

Total cost, exclusive of office force, (local currency)	$1,446.50
Cost per installation per month (local currency)	3.58
Number of installations	405
Number of pails cleaned	12,565
*Number of installations made in private houses since July 22	29
Total number of public closets installed since July 1	4
Total capacity in pails	62
Number of excavator loads removed from public buildings	98
Total number of loads excavated during the month of August	106
Total number of excavator loads removed for private parties	8
Total number of closets ordered repaired, in lieu of pail system, since July 2	688
Number of orders complied with satisfactorily	343
Number of inspections during the progress of the work	1,133
Number of special letters sent to enforce proper compliance of orders	183
Number of complaints received	2
Number of complaints adjusted	2

*These installations were made temporarily with galvanized iron pails and improvised commodes.

Record of Disinfect ng for August, 1902.

M. HERMAN, MEDICAL INSPECTOR, CHIEF.

Station 1, Trozo Barracks.

Stations.	Houses.	Persons.
A	89	319
C	244	832
D	60	184
G	116	467
I	162	379
Total	671	2,181

Station 2, Postigo Corral.

F	422	111
H	440	132
J	141	141
K	142	102
L	33	60
Total	1,178	546
Total	1,849	2,727

Philippine Weather Bureau—Manila Central Observatory. Bulletin for August, 1902. Data Deduced from Hourly Observations.

Date.	Temperature. Mean.	Maximum.	Minimum.	Relative humidity, mean.	Rainfall.
	F.	F.	F.	Per cent.	Inches.
1	79.2	81.4	73.0	88.7	1.461
2	80.8	85.4	72.9	86.3	0.106
3	82.6	86.8	73.8	83.1	
4	82.4	87.3	74.3	84.7	
5	82.8	85.9	77.7	83.8	0.256
6	83.3	85.7	79.3	83.9	
7	82.6	85.0	76.7	86.1	0.591
8	82.2	85.3	77.5	86.3	0.209
9	83.1	86.5	76.7	86.0	0.063
10	83.3	87.6	76.3	83.7	
11	80.4	85.8	73.8	88.8	0.787
12	80.1	87.0	72.8	86.4	0.079
13	78.6	83.2	72.8	90.2	0.209
14	79.7	86.7	72.9	89.0	0.468
15	81.1	90.0	74.0	86.4	0.496
16	80.1	89.0	74.0	90.6	0.870
17	79.7	84.5	74.3	88.9	0.047
18	79.5	85.9	73.5	90.5	1.169
19	79.7	83.8	74.0	86.4	0.154
20	81.1	87.3	72.8	82.8	0.039
21	80.6	86.5	73.7	85.3	0.815
22	81.1	87.8	72.1	84.1	0.055
23	80.8	86.1	74.1	83.3	
24	79.0	84.5	72.7	88.6	0.583
25	79.5	85.6	71.8	87.1	0.189
26	79.2	84.5	73.1	89.9	0.630
27	79.0	82.2	73.6	88.3	1.181
28	78.8	84.8	73.2	87.9	0.402
29	79.0	82.5	73.8	88.2	0.331
30	80.2	84.3	74.3	85.7	0.260
31	78.3	82.1	72.3	90.1	0.870
Mean	80.6	85.5	74.1	86.8	

GENERAL LIBRARY,
UNIV. OF MICH.
AUG

MONTHLY REPORT

OF THE

Board of Health for the Philippine Islands

AND

CITY OF MANILA.

SEPTEMBER, 1902.

TO THE HON. DEAN C. WORCESTER, SECRETARY OF THE INTERIOR.

BOARD OF HEALTH.

MAJOR E. C. CARTER, M. D., U. S. Army,
Commissioner of Public Health.

CAPT. T. R. MARSHALL, M. D., U. S. Vols.,
Acting Chief Health Inspector.

H. D. OSGOOD, B. S.,
Sanitary Engineer.

P. C. FREER, M. D., Ph. D.,
Superintendent of Government Laboratories.

MANUEL GOMEZ MARTINEZ, M. D.,
Secretary.

MANILA:
BUREAU OF PUBLIC PRINTING.
1902.

1502

LETTER OF TRANSMITTAL.

DEPARTMENT OF THE INTERIOR,
BUREAU OF PUBLIC HEALTH FOR PHILIPPINES,
OFFICE OF THE COMMISSIONER,
Manila, November 6, 1902.

SIR: I have the honor to submit herewith the report of the Board of Health for the Philippine Islands and the City of Manila for the month of September, 1902.

Very respectfully,

E. C. CARTER,
Commissioner of Public Health.

To the HONORABLE THE SECRETARY OF THE INTERIOR,
Manila, P. I.

Population of Manila.

Filipinos	223,900
Chinese	60,680
Foreigners	7,852
Americans	9,722
Total	302,154

Deaths Occurring During the Month of September.

Filipinos	1,051
Chinese	59
Foreigners	14
Americans	8
Total	1,132

Births Reported in September.

Filipinos	174
Chinese	
Foreigners	6
Americans	2
Total	182

Annual Death Rate per Thousand for the Month.

Filipinos	57.14
Chinese	11.83
Foreigners	21.71
Americans	10.02
Average	45.61

Annual Birth Rate per Thousand for the Month.

Filipinos	9.46
Chinese	
Foreigners	9.30
Americans	2.50
Average	7.33

Summary of Statistics of Births and Deaths.

Population, census estimated, Health Department	302,154
Mortality for the month of September	1,132
Annual death rate per 1,000 for month of September	45.61
*Births reported	182
Annual birth rate (based on reports)	7.33

*Incomplete.

Deaths by Age.

Under 30 days	93
30 days to 1 year	371
1 year to 2 years	47
2 years to 5 years	78
5 years to 10 years	39
10 years to 15 years	26
15 years to 20 years	31
20 years to 25 years	50
25 years to 30 years	84
30 years to 40 years	150
40 years to 50 years	74
50 years to 60 years	53
60 years to 70 years	42
70 years to 80 years	24
80 years to 90 years	19
90 years to 100 years	10
100 years to 105 years	2
105 years to 110 years	2
Unknown	3
Total	1,198

Stillbirths, 11. Of the grand total of 1,198 deaths, 66 were those of transients, while 1,132 were permanent residents of Manila.

Deaths by Districts.

Walled City	61
Binondo	62
San Nicolas	114
Tondo	311
Santa Cruz	170
Quiapo	91
Sampaloc	105
San Miguel	51
Paco	56
Ermita	30
Malate	35
Pandacan	23
Transient residents	66
Santa Ana	22
Unknown	1
Total	1,198

11 of above were stillbirths.

Number of deaths with medical attendance	602
Number of deaths without medical attendance	596
Total	1,198

11 of above were stillbirths.

A Classified Report of all Deaths Occurring in Manila During the Month September, 1902.

Males.

Married	116
Widower	29
Single	130
Boys	345
Condition not stated in certificate	44
Total	664

Females.

Married	119
Widows	57
Maids	54
Girls	285
Condition not stated in certificate	19
Stillbirths	11
Total	545
Grand Total	1209

Including 66 transients in Manila.

CAUSES OF DEATHS FOR THE MONTH OF SEPTEMBER, 1902.

(STILLBIRTHS NOT INCLUDED.)

	NOMENCLATURE DESIGNED FOR THE STATISTICS OF DEATH.	NOMENCLATURA PARA LAS ESTADÍSTICAS DE DEFUNCIONES.	Americans.		Europeans.		Filipinos.		Chinese.		Total.
			M.	F.	M.	F.	M.	F.	M.	F.	
	I.	**I.**									
	General Diseases.	**Enfermedades Generales.**									
1	Typhoid fever (abdominal typhus)	Fiebre tifoidea			1		3	5		1	10
2	Exanthematic typhus	Tifus exantemático									
3	Recurrent fever	Fiebre recurrente									
4	Intermittent fever, and malarial cachexia	Fiebre intermitente						6			6
4a	Malarial cachexia	Caquexia palúdica					2	2	1		5
5	Variola	Viruelas									
6	Measles	Sarampión									
7	Scarlatina	Escarlatina									
8	Whooping cough	Tos ferina						1			1
9	Diphtheria and croup	Difteria y crup									
9a	Diphtheria	Difteria									
10	Grippe	Gripe					1				1
11	Miliary fever	Fiebre miliar									
12	Asiatic cholera	Cólera asiático	4		3	1	81	81	19		189
13	Cholera, nostras	Cólera nostras									
14	Dysentery	Disentería			1		15	19			35
14a	Epidemic dysentery	Disentería epidémica									
15	Plague	Peste							1		1
16	Yellow fever	Fiebre amarilla									
17	Leprosy	Lepra									
18	Erysipelas	Erisipelas									
19	Other epidemic affections (beri-beri)	Otras afecciones epidemicas (beri-beri)					19	28	4		51
20	Purulent infection and septicæmia	Infección purulenta y septicemia									
21	Glanders and farcy	Muermo y lamparones									
22	Malignant pustule and anthrax	Pústula maligna y antrax									
23	Rabies	Rabia									
24	Actinomycosis, trichinosis, etc	Actinomicosis, trichinosis, etc									
25	Pellagra	Pelagra									
26	Tuberculosis of larynx	Tuberculosis de la laringe					1				1
27	Tuberculosis of lungs	Tuberculosis del pulmón					36	34	6		76
28	Tuberculosis of meninges	Tuberculosis de las meninges					1	1			2
29	Tuberculosis of abdomen	Tuberculosis abdominal					3	1	1		5
30	Pott's disease	Mal de Pott									
31	Cold abscess and abscess by congestion	Abscesos fríos y por congestión									
32	White swellings	Tumores blancos									
33	Tuberculosis of other organs	Tuberculosis de otros órganos									
34	Generalized tuberculosis	Tuberculosis generalizada					1				1
35	Scrofula	Escrófula					2	2			4
36	Syphilis	Sífilis									
37	Gonorrhea of the adult	Blenorragia en los adultos									
38	Gonococcic infections of children	Afecciones gonocócicas en los niños									
39	Cancer and other malignant tumors of the bucal cavity.	Cáncer ú otros tumores malignos en la cavidad bucal									
40	Cancer and other malignant tumors of the stomach and liver.	Cáncer ú otros tumores malignos del estómago é hígado.									
41	Cancer and other malignant tumors of Peritoneum, intestines and rectum	Cáncer ú otros tumores malignos del peritoneo, intestinos y recto.									
42	Cancer and other malignant tumors of the female genitals.	Cáncer ú otros tumores malignos de los órganos genitales de la mujer.						1			1
43	Cancer and other malignant tumors of the breast	Cáncer ú otros tumores malignos de la mama						1			1
44	Cancer and other malignant tumors of the skin	Cáncer ú otros tumores malignos de la piel									
45	Cancer and other malignant tumors of other organs and organs not specified.	Cáncer ú otros tumores malignos en otros órganos					1				1
46	Other tumors (tumors of the female genitals excepted)	Otros tumores (exceptuándose los de los órganos genitales de la mujer).									
47	Acute articular rheumatism	Reumatismo articular agudo									
48	Chronic rheumatism, and gout	Reumatismo crónico y gota					2	2			4
49	Scurvy	Escorbuto									
50	Diabetes	Diabetes									
51	Exophthalmic goiter	Bocio exoftálmico									
52	Addisson's disease	Enfermedad bronceada de Addison									
53	Leukæmia	Leucemia					1				1
54	Anæmia, chlorosis	Anemia, clorosis					1	4	3		8
55	Other general diseases	Otras enfermedades generales						2			2
56	Acute alcoholism or chronic	Alcoholismo agudo ó crónico									
57	Lead-poisoning	Saturnismo									
58	Other poisonings incident to occupations	Otras intoxicaciones profesionales crónicas									
59	Other chronic poisonings	Otros envenenamientos crónicos									
	II.	**II.**									
	Diseases of the Nervous System and the Organs of Special Sense.	**Enfermedades del Sistema Nervioso y de los Organos de los Sentidos.**									
60	Encephalitis	Encefalitis									
61	Simple meningitis	Meningitis simple				1	14	10			25
61a	Epidemic cerebro-spinal, meningitis	Meningitis cérebro-espinal epidémica									
62	Progressive locomotor ataxia	Ataxia locomotriz progresiva									
63	Other diseases of the spinal cord	Otras enfermedades de la médula espinal					1	2			3
64	Cerebral congestion and hemorrhage	Congestión y hemorragia cerebrales	1				3	2	1		7
65	Cerebral softening	Reblandecimiento cerebral			1		1				2
66	Paralysis without apparent cause	Parálisis sin indicación de causa									
67	General paralysis	Parálisis generales						2	1		3

	NOMENCLATURE DESIGNED FOR THE STATISTICS OF DEATH.	NOMENCLATURA PARA LAS ESTADÍSTICAS DE DEFUNCIONES.	Americans. M.	Americans. F.	Europeans. M.	Europeans. F.	Filipinos. M.	Filipinos. F.	Chinese. M.	Chinese. F.	Total.
	II. Diseases of the Nervous System and the Organs of Special Sense—Cont'd.	**II.—Enfermedades del Sistema Nervioso y de los Organos de los Sentidos—Cont'd.**									
68	Other forms of insanity	Otras formas de alienación mental									
69	Epilepsy	Epilepsia						2			2
70	Eclampsia (nonpuerperal)	Eclampsia (no puerperal)					58	39			97
71	Convulsions of children	Convulsiones en los niños	1				132	113			246
72	Tetanus	Tétano				1	12	5			18
73	Chorea	Corea									
74	Other diseases of the nervous system	Otras enfermedades del sistema nervioso					5	2			7
75	Diseases of the eye and its adnexa	Enfermedades de ojos y sus anexos									
76	Diseases of the ear	Enfermedades de los oídos									
	III. Diseases of the Circulatory System.	**III. Enfermedades del Aparato Circulatorio.**									
77	Pericarditis	Pericarditis					1				1
78	Acute endocarditis	Endocarditis aguda					2	5	2	1	10
79	Organic disease of the heart	Enfermedades orgánicas del corazón				1	10	9			20
80	Angina pectoris	Angina de pecho					7	10	1		18
81	Affections of the arteries (atheroma, aneurism, etc.)	Afecciones de las arterias, etc					4	2	1		7
82	Embolus and thrombosis	Embolia y trombosis						3			3
83	Affections of the veins (varices, hemorrhoides, phlebitis).	Afecciones de las venas									
84	Affections of the lymphatic system (lymphangitis, etc.).	Afecciones del sistema linfático									
85	Hemorrhages	Hemorragias						1			1
86	Other affections of the circulatory system	Otras afecciones del aparato circulatorio									
	IV. Diseases of the Respiratory System.	**IV. Enfermedades del Aparato Respiratorio.**									
87	Diseases of the nasal fossæ	Enfermedades de las fosas nasales									
88	Affections of the larynx	Afecciones de la laringe					1	2			3
89	Affections of the thyroid body	Afecciones del cuerpo tiroideo									
90	Acute bronchitis	Bronquitis aguda				1	15	13	1		30
91	Chronic bronchitis	Bronquitis crónica					18	15	3		36
92	Broncho-pneumonia	Bronco-pneumonía									
93	Pneumonia	Pneumonía					4	3	1		8
94	Pleurisy	Pleuresía					1	1			2
95	Pulmonary congestion and apoplexy	Congestion y apoplegía pulmonares					2	2			4
96	Gangrene of the lungs	Gangrena del pulmón									
97	Asthma	Asma									
98	Pulmonary emphysema	Enfisema pulmonar						2			2
99	Other diseases of the respiratory system (phthisis excepted).	Otras enfermedades del aparato respiratorio (exceptuándose la tisis).					1				1
	V. Diseases of Digestive System.	**V. Enfermedades del Aparato Digestivo.**									
100	Affections of the mouth and its adnexa	Afecciones de la boca y de sus anexos									
101	Affections of the pharynx	Afecciones de la faringe									
102	Affections of the esophagus	Afecciones del esófago									
103	Ulcer of the stomach	Ulcera del estómago						2			2
104	Other affections of the stomach (cancer excepted)	Otras afecciones del estómago (exceptuándose el cáncer).	1		1		3	6			11
105	Diarrhea and enteritis (under two years)	Diarrea y enteritis (en niños menores de 2 años)					2	1			3
105a	Chronic diarrhea and enteritis	Diarrea y enteritis crónica				1	29	16	1		47
106	Diarrhea and enteritis (two years and over)	Diarrea y enteritis (en niños de 2 ó más años)					1	1			2
107	Intestinal parasites	Parásitos intestinales					3	1			4
108	Hernias; intestinal obstructions	Hernias; obstrucciones intestinales					1	2			3
109	Other affections of the intestines	Otras afecciones del intestino						1			1
110	Acute yellow atrophy of the liver	Ictericia grave						1			1
111	Hydatid tumors of the liver	Tumores hidátidicos del hígado									
112	Cirrhosis of the liver	Cirrosis del hígado					1		2		3
113	Biliary calculi	Cálculos biliares									
114	Other affections of the liver	Otras afecciones del hígado					1		2		3
115	Affections of the spleen	Afecciones del bazo									
116	Simple peritonitis (puerperal excepted)	Peritonitis simple (exceptuándose la puerperal)									
117	Other affections of the digestive system (cancer and tuberculosis excepted).	Otras afecciones del aparato digestivo (exceptuándose el cáncer y tuberculosis).									
118	Appendicitis and abscess of the iliac fossa	Apendicitis y flemón de la fosa iliaca						1			1
	VI. Diseases of the Genito-Urinary System and its Adnexa.	**VI. Enfermedades del Aparato Génito Urinario y de sus Adnexos.**									
119	Acute nephritis	Nefritis aguda					4	1	2		7
120	Bright's disease	Mal de Bright					3	3	1		7
121	Other diseases of the kidneys and their adnexa	Otras enfermedades de los riñones y de sus anexos									
122	Calculi of the urinary tract	Cálculos de las vías urinarias									
123	Diseases of the bladder	Enfermedades de la vegiga									
124	Diseases of the urethra, urinary abscess, etc	Enfermedades de la uretra									
125	Diseases of the prostate	Enfermedades de la próstata									
126	Nonvenereal diseases of the male genital organs	Enfermedades no venereas de los órganos genitales del hombre.									
127	Metritis	Metritis						2			2
128	Uterine hemorrhage (nonpuerperal)	Hemorragia uterina (no puerperal)									
129	Tumor, uterine (noncancerous)	Tumor uterino (no canceroso)									
130	Other diseases of the uterus	Otras enfermedades del útero									
131	Cysts and other tumors of the ovary	Quistes y otros tumores del ovario									
132	Other diseases of the female genital organs	Otras enfermedades de los organos genitales de la mujer.									
133	Nonpuerperal diseases of the breast (cancer excepted).	Enfermedades no puerperales de la mama (exceptuándose el cáncer).									

	NOMENCLATURE DESIGNED FOR THE STATISTICS OF DEATH.	NOMENCLATURA PARA LAS ESTADÍSTICAS DE DEFUNCIONES.	Americans. M.	Americans. F.	Europeans. M.	Europeans. F.	Filipinos. M.	Filipinos. F.	Chinese. M.	Chinese. F.	Total.
	VII.	**VII.**									
	The Puerperal State.	**Estado Puerperal.**									
134	Accidents of pregnancy	Accidentes de la preñez									
135	Puerperal hemorrhage	Hemorragia puerperal						2			2
136	Other accidents of labor	Otros accidentes del parto									
137	Puerperal septicæmia	Septicemia puerperal						1			1
138	Albuminuria and puerperal eclampsia	Albuminuria y eclampsia puerperales						1			1
139	Puerperal phlegmasia alba dolens	Flegmasia alba dolens puerperal						1			1
140	Other puerperal accidents—sudden death	Otros accidentes puerperales—muerte repentina									
141	Puerperal diseases of the breast	Enfermedades puerperales de la mama									
	VIII.	**VIII.**									
	Diseases of the Skin and Cellular Tissue.	**Enfermedades de la Piel y del Tejido Celular.**									
142	Gangrene	Gangrena									
143	Furuncle	Forúnculo			1						1
144	Warm-acute abscess	Abscesos calientes agudos									
145	Other diseases of the skin and its adnexa	Otras enfermedades de la piel									
	IX.	**IX.**									
	Diseases of the Organs of Locomotion.	**Enfermedades de los Órganos de la Locomoción.**									
146	Affections of the bones (nontuberculous)	Afecciones de los huesos (exceptuando la tuberculosis)									
147	Diseases of the joints (tuberculosis and rheumatism excepted).	Afecciones de las articulaciones (exceptuando la tuberculosis y el reumatismo).									
148	Amputation	Amputación									
149	Other affections of the organs of locomotion	Otras afecciones de los órganos de la locomoción									
	X.	**X.**									
	Malformations.	**Vicios de Conformación.**									
150	Congenital malformations (stillbirths excepted)	Vicios de conformación congénitos (exceptuándose los de niños nacidos muertos).					2	1			3
	XI.	**XI.**									
	Early Infancy.	**Primera Infancia.**									
151	Congenital debility icterus and sclerema	Debilidad congénita, ictericia y esclerema					7	9			16
152	Other special diseases of early infancy	Otras enfermedades especiales de la primera edad					1				1
153	Lack of care	Falta de cuidados									
	XII.	**XII.**									
	Old Age.	**Vejez.**									
154	Senile debility	Debilidad senil					3	18			21
	XIII.	**XIII.**									
	Affections Produced by External Causes.	**Afecciones Producidas por Causas Exteriores.**									
155	Suicide by poison	Suicidio por envenenamiento									
156	Suicide by asphyxia	Suicidio por asfixia									
157	Suicide by hanging or strangulation	Suicidio por suspensión ó por extrangulación									
158	Suicide by submersion	Suicidio por submersión									
159	Suicide by firearms	Suicidio por armas de fuego	1				1				2
160	Suicide by cutting instruments	Suicidio por instrumentos cortantes					1				1
161	Suicide by jumping from high place	Suicidio por dejarse caer desde un punto elevado									
162	Suicide by crushing	Suicidio por aplastamiento									
163	Other suicides	Otros suicidios					1				1
164	Fractures	Fracturas					1				1
165	Dislocations	Luxaciones									
166	Other accidental traumatisms	Otros traumatismos accidentales							1		1
167	Burns	Quemaduras per el fuego						2			2
168	Burning by corrosive substances	Quemaduras por substancias corrosivas									
169	Insolation	Insolación									
170	Freezing	Congelación									
171	Electrical shocks	Commoción eléctrica									
172	Accidental submersion	Submersión accidental					2				2
173	Inanition	Inanición					7	3			10
174	Inhalation of deleterious gases (suicide excepted)	Absorción de gases deletéreos									
175	Other acute poisonings	Otros envenenamientos agudos									
176	Other external violence	Otras violencias exteriores									
	XIV.	**XIV.**									
	Ill-defined Diseases.	**Enfermedades mal Definidas.**									
177	Dropsy	Hidropesía					1				1
178	Sudden death	Muerte repentina						1	1		2
179	Unspecified or ill-defined causes of death	Causas de muerte no especificadas ó mal definidas					1	1			2
180	Unknown										
	Total		8		8	6	538	513	56	3	1132
	Grand total		8		14		1051		59		1132

Number of Deaths with Causes Occurring Among Transients in Manila During the Month of September. These Deaths Are not Included in Preparing Death Rate of City.

			Americans.		Foreigners.		Filipinos.		Chinese.		Total.
			M.	F.	M.	F.	M.	F.	M.	F.	
	I.	**I.**									
	General Diseases.	**Enfermedades Generales.**									
1	Typhoid fever (abdominal typhus)	Fiebre tifoidea					1	1			2
4a	Malarial cachexia	Caquexia palúdica					1				1
12	Asiatic cholera	Cólera Asiático					4	1	1		6
14	Dysentery	Disenteria					2				2
17	Leprosy	Lepra					2	1			3
19	Other epidemic affections (beri-beri)	Otras afecciones epidémicas (beri-beri)					34	2			36
27	Tuberculosis of lungs	Tuberculosis de los pulmones					1	1			2
	II.	**II.**									
	Diseases of the Nervous System and the Organs of Special Sense.	**Enfermedades del Sistema Nervioso, y de los Organos de los Sentidos.**									
64	Cerebral congestion and hemorrhage	Congestion y hemorragia cerebrales						1			1
69	Epilepsy	Epilepsia					1				1
70	Eclampsia (nonpuerperal)	Eclampsia (no puerperal)					2	1			3
71	Convulsions of children	Convulsiones de los niños					1				1
	III.	**III.**									
	Diseases of the Circulatory System.	**Enfermedades del Aparato Circulatorio.**									
78	Acute endocarditis	Endocarditis aguda					1	1			2
80	Angina Pectoris	Angina de pecho						1			1
	IV.	**IV.**									
	Diseases of the Respiratory System.	**Enfermedades del Aparato Respiratorio.**									
93	Pneumonia	Pneumonia							1		1
	V.	**V.**									
	Diseases of Digestive System.	**Enfermedades del Aparato Digestivo.**									
112	Cirrhosis of the liver	Cirrosis del higado			1						1
105a	Chronic diarrhea and enteritis	Diarrea y enteritis cronica						1			1
	XII.	**XII.**									
	Old Age.	**Vejez.**									
154	Senile debility	Debilidad senil					1	1			2
	Total				1		51	12	2		66

Report of Prescriptions Filled at the Municipal Dispensary, Showing Districts, Sex, and Age of Persons to Whom Medicines Have Been Given During the Month.

Districts.	Americans.				Foreigners.				Filipinos.				Chinese.				Total.
	Adult.		Children.		Adult.		Children.		Adult.		Children.		Adult.		Children.		
	M.	F.	Boy.	Girl.	M.	F.	Boy.	Girl.	M.	F.	Boy.	Girl.	M.	F.	Boy.	Girl.	
Walled City									2	13	2						17
Concepcion									2	1	4						7
San Miguel									3	3	5	1					12
Ermita									8	2							10
Malate									11	15		5					31
Paco									13	22	3	2					40
Santa Ana									1	1							2
Sampaloc									47	52	20	12					131
Pandacan									5	2							7
Quiapo									8	56	8	12					84
Santa Cruz									35	12	3	3					53
Binondo									20	46	2	9					77
San Nicolas									1	5		1					7
Tondo									6	2		1					9
Station "F," Quiapo																	
Total									162	232	47	46					487

Burials, September, 1902.

Cemeteries.	No.
Loma (Government)	509
Paco General (Government)	27
Santa Cruz	3
Balic-balic	161
Binondo	49
Tondo	145
Maytubig	46
Malate	54
Pandacan	23
Chinese	57
Crematory	94
Santa Ana	35
American National Cemetery	5
San Pedro Macati	1
Total	1,209

Eleven of the above were stillbirths and 66 transient residents.

Cases of Cholera occurring in the City of Manila during the month of September, 1902.

	Cases.	Recoveries.	Deaths.
Americans	11	7	4
Foreigners	5	1	4
Filipinos	236	74	162
Chinese	23	4	19
Total	275	86	189
Per cent			68.72

Crematories.

	SEPTEMBER, 1902.		
	Paco.	Santa Cruz.	Total.
Carcasses of native horses consumed	42	58	100
Carcasses of American horses consumed	62	9	71
Carcasses of mules consumed	136	1	137
Carcasses of carabaos consumed	3	13	16
Carcasses of cows consumed	1	12	13
Carcasses of dogs consumed	17	61	78
Carcasses of fowls consumed	39	1,009	1,048
Carcasses of cats consumed	6		6
Carcasses of rats consumed	24	360	384
Carcasses of pigs consumed	14	8	22
Cart loads of refuse consumed	532	943	1,475

Comparative Mortality from April 1, 1901, to September 30, 1902.

Month.	1900.		1901.		1902.	
	No. deaths.	Annual death rate per 1,000.	No. deaths.	Annual death rate per 1,000.	No. deaths.	Annual death rate per 1,000.
January	[1]1,055	50.65	753	36.22	[2]760	30.46
February	884	47.08	689	36.69	[3]706	30.81
March	887	42.67	885	42.67	[3]770	30.02
April	[1]805	40.02	886	44.04	[3]1,327	53.46
May	[1]732	35.21	[1]903	43.44	[3]1,688	65.81
June	[1]599	29.79	[1]621	30.89	[3]1,418	57.13
July	[1]787	37.09	[2]608	28.46	[3]2,223	86.68
August	[1]825	38.88	[2]702	33.08	[3]1,712	66.75
September	[1]1,027	50.01	[2]767	37.25	[3]1,132	45.61

[1] Death rate computed on population of 244,732 (Health Department's Census), stillbirths included.
[2] Death rate computed on population of 250,000; stillbirths not included.
[3] Death rate computed on population of 302,154; stillbirths not included.

Disinterments, September, 1902.

Paco Cemetery	7
Tondo	1
Pandacan	1
Santa Cruz	3
American National Cemetery	1
Total	13

Veterinary Division.

WILLIAM W. RICHARDS, V. S., *City Veterinarian.*
JOHN G. SLEE, D. V. S., *Asst. City Veterinarian.*

On arrival in city:	
Number of cattle inspected	1,803
Number of hogs inspected	4,666
Number of carabaos inspected	107
Number of sheep inspected	5
Number of goats inspected	41
Number of horses inspected	265
Number of other animals inspected	3
In Government slaughterhouse:	
Number of cattle slaughtered	1,721
Number of hogs slaughtered	5,246
Number of sheep slaughtered	0
Number of cattle condemned and cremated	6
Number of hogs condemned and cremated	27
Number of horses condemned for glanders	0

General Inspection of Houses, Premises, Vaults, etc., with Improvements Ordered, Disinfected, Whitewashed, Cleaned, etc., by Medical Inspectors, Chief Sanitary Inspectors, and Sanitary Inspectors, for the Month of September, 1902.

Houses inspected by the chief sanitary inspectors	7,227
Houses reinspected for verification of work ordered	2,541
Houses inspected by sanitary inspectors	176,733
Houses reinspected by sanitary inspectors	34,709
Houses ordered cleaned	2,745
Houses cleaned	6,701
Houses ordered whitewashed and painted	723
Houses whitewashed and painted	102
Houses disinfected	961
Number of houses where garbage has not been removed for two days	439
Number of persons reported sick to municipal physician	515
Cesspools and vaults ordered cleaned	380
Cesspools cleaned	133
Yards ordered cleaned	10,815
Yards cleaned	18,627
Yards ordered repaired (repaved, etc.)	348
Yards repaired	73
Number of orders issued during the month	225
Number of orders complied with during the month	177
Number of food tiendas in districts	1,102
Number orders awaiting action	57
Number orders pending court	5
Number in visiting each street and barrio during the month	596

Report of Houses Inspected and Repairs Ordered, under the Direction of Mr. H. D. Osgood, Assistant Sanitary Engineer, Board of Health, for September, 1902.

Houses inspected	
Houses ordered to make repairs	
Houses on which repairs were started	
Houses on which repairs were completed	
Houses condemned by the Municipal Board, by request of the Board of Health	
Houses destroyed	

Report on Vaccination, City of Manila, During the Month of September, 1902.

	Children.			Adults.			Totals.			Grand totals.
	Filipinos.	Chinese.	Americans and foreigners.	Filipinos.	Chinese.	Americans and foreigners.	Filipinos.	Chinese.	Americans and foreigners.	
Walled City	121		5	356	41	15	477	41	20	538
Binondo	103	5		289	235	1	392	240	1	633
San Nicolas	288			272	158		560	158		718
Tondo	519	1		650	263	12	1,169	264	12	1,445
Santa Cruz	525		1	952	189	4	1,477	189	5	1,671
Quiapo	341			1,273	32	1	1,614	32	1	1,647
San Miguel	289			341	51	1	630	51	1	682
Sampaloc	315			387		4	702		4	706
Paco	321			230	23		551	23		574
Ermita	142			256	34	5	398	34	5	437
Malate	73			71	9	1	144	9	1	154
Pandacan										
Santa Ana										

RECAPITULATION.

Children	3,049
Adults	6,156
Total	9,205
Filipinos	8,114
Chinese	1,041
Americans and foreigners	50
Total	9,205

Vaccine Virus Issued During Month Ending September 30, 1902.

Vaccine Institute, SATURNINO ESPEJO, Director.

Army	1,885
Navy	800
Inhabitants of the Philippine Archipelago (excluding Manila)	24,600
Amount of vaccine virus sold to the public	9,205
Amount of vaccine virus used by public vaccinator	115
Total	36,605

Report of Sick and Wounded City Poor Attended by Municipal Physicians During the Month of September, 1902.

		Sex.		Children and young.		Nationality.								Total.	Cured.		Deaths.		Number of visits.
						Filipinos.		Chinese.		Foreigners.		Americans.							
		M.	F.	Boys.	Girls.	M.	F.	M.	F.	M.	F.	M.	F.		M.	F.	M.	F.	
R. PERRAMON	Walled City	19	26	9	5	28	31							59	14	19	3	4	194
	Concepcion	3	4	2		5	4							9	4	3	1		41
	San Miguel	7	8	5	1	12	9							21	1	2	5	5	55
C. MORA	Paco	14	13	5	14	19	27							46	6	11	2	7	112
	Ermita	1	1			1	1							2					6
	Malate	9	16	5	10	14	26							40	5	7	3	8	99
C. VICTORINO	Santa Ana	2	8	2		4	8							12	2	4	2	2	40
C. REYES	Quiapo		7	1		1	7	1						9	1	2		2	36
	Santa Cruz	10	6	2		12	6	3						21	12	4	2		90
F. CASTAÑEDA	Sampaloc	12	19	8	5	20	24							44	9	10	1	1	108
C. VICTORINO	Pandacan	6	4			6	4							10	4	4	1		13
S. V. DEL ROSARIO	Binondo																		
V. PANTOJA	Tondo	10	5	3	4	13	9					1		23	7	3	6	1	55
V. CAVANNA	San Nicolas	3	11	4	8	7	19							26	4	7	1	8	126
Total		96	128	46	47	142	175	4				1		322	69	76	72	38	975

Report from Bureau of Government Laboratories, September, 1902.

Diagnoses.

		Pos.	Neg.	Total.
Sputa for tuberculosis		13	42	55
Blood for Widal reaction		1	4	5
Smears for gonococci		4	2	6
Feces for animal parasites:				
Amœba dysenteriæ	37			
Amœba coli	2			
Monads	7	57	103	160
Ova trichocephalus dispar	1			
Ova uncinaria duodenale	8			
Ova ascaris lumbricoides	2			
Feces for spirilla of Asiatic cholera		30	14	44
Malarial parasites, Tertian		1	9	10
Blood for surra		2	6	8
Total		108	180	288

Analyses.

Lard	2
Fusel oil	1
Urines	43
Gold pen	1
Ethers	5
Metal ware	2
Whiskey	1
Waters	4
Celluloid	1
Jewelry	1
Gutta-percha	2
Chloride of lime	1
Total	64

717 celloidin coated capsules of benzozone and 695 grams of the powder were distribu ed to the different hospitals.

Autopsies.

Hæmorrhagic meningitis	1
Bubonic plague	1
Lobar pneumonia	2
Total	4

Reports Received of Lepers Living in the Various Provinces of the Philippine Islands, to September 30, 1902.

Province.	Number of men.	Number of women.	Children and young.		Single.		Married.		Widower.	Widow.	Race.	Total.
			M.	F.	M.	F.	M.	F.				
Antique	92	37	2	2	38	28	42	4	12	5	Filipinos	133
Batangas	19	5			12	3	3	3	3		do	24
Bataan	10	4	1	1	5		3	2	2	2	do	16
Benguet	31	10	1	1	1		21	10	9		Igorrotes	43
Ambos Camarines	33	17	1	1	24	12	8	5	1		Filipinos	52
Bulacan	17	9	2	1	12	6	5	3			do	29
Ilocos Norte	45	28	5	2	9	10	31	8	5	10	do	80
Ilocos Sur	176	84	4	2	101	50	66	17	14	12	do	266
Leyte	49	38	1	3	26	27	20	7	3	4	do	91
Masbate	51	35	25	10	22	15	23	19	2	5	do	121
Cagayan	46	30		3	20	10	20	19	6	1	do	79
Lepanto	14	4	1		5	1	8		1	3	do	19
Cavite	17	5		3	16	3	1			2	do	25
Nueva Ecija	44	24			19	12	22	8	2	5	do	68
Negros Occidental	26	11	5	1	17	10	8	1	1		do	43
Pampanga	8	5	2		3	1	5	3	1		do	15
Pangasinan	120	80	2	3	36	28	65	38	19	14	do	205
Rizal	41	24	2		19	12	21	7	3	3	do	67
Marinduque	1	1	1			1	1				do	3
Laguna	1						1				do	1
San Lazaro	112	60	2	2	83	36	27	20	2	4	do	176
Tarlac	27	24	11	4	7	9	17	11	2	5	do	66
Sorsogon	75	33	1	1	33	17	40	10	3	5	do	110
Romblon	5	10			3	6	2	3	1		do	15
Samar	39	32	13	8	17	9	21	18	3	3	do	92
Union	43	28	3		15	14	24	12	4	2	do	74
Zambales	58	35	2		30	15	26	13	4	5	do	95
Mindanao	140	74	3	3	84	46	45	18	9	12	Moros	220
Cebú	171	89	5	4	136	64	33	21	3	3	Filipinos	269
Iloilo	231	66	11	2	113	37	94	9	24	20	do	310
Negros Oriental	66	42	6	2	27	23	32	14	7	5	do	116
Isabela de Luzon	18	4	1		3	1	10	3	5		do	23
Tayabas	1								1		do	1
Albay	68	33	1	1	30	18	27	10	11	5	do	103
Nueva Vizcaya	8	8	2		3		3	5	2	3	do	18
Abra	11	6			5	4	5	2	1		do	17
Bohol	46	46	5	1	20	19	7	17	3	6	do	98
Capiz	44	33	19	9	26	24	12	12	1	1	do	105
Total	2,004	1,074	140	70	1,020	571	820	352	169	146		3,288

Philippine Weather Bureau—Manila Central Observatory. Bulletin for September, 1902. Data Deduced from Hourly Observations.

Date.	Barometer.[1] Mean.		Temperature. Mean.		Temperature. Maximum.		Temperature. Minimum.		Relative humidity, mean.	Wind. Prevailing direction.	Wind. Total daily motion.		Wind. Maximum. Force.		Wind. Maximum. Direction.	Sunshine.	Rainfall	
	Inch.	*mm.*	°*C.*	°*F.*	°*C.*	°*F.*	°*C.*	°*F.*	*Per ct.*		*Km.*	*Miles.*	*Km.*	*Miles.*		*H. m.*	*Inch.*	*mm.*
1	29.763	755.97	26.7	80.1	29.8	85.7	22.8	73.1	88.5	SW.	300	186	32	20	SW.	6 20	0.177	4.5
2	29.796	56.80	27.3	81.1	30.3	86.6	23.4	74.1	86.1	WSW.	412	256	34	21	SW. by W.	8 00	0.547	13.9
3	29.821	57.45	27.6	81.7	30.1	86.2	23.1	73.5	86.1	WSW.	426	265	34	21	WSW.	9 10	2.122	53.9
4	29.823	57.51	25.3	77.5	26.7	80.1	22.6	72.7	92.8	WSW.	644	400	50	31	W. by S.	0 00	1.665	42.3
5	29.764	56.00	26.5	79.7	28.6	83.4	23.2	73.8	88.7	WSW.	612	380	38	24	W. by S.	0 45	0.906	23.0
6	29.729	55.11	25.8	78.4	27.5	81.5	22.7	72.9	93.9	SSW.	244	152	28	18	SW. by W.	0 00	1.689	42.9
7	29.748	55.57	26.5	79.7	29.6	85.3	23.6	74.5	90.8	Variable.	122	76	17	11	S.	2 10	0.315	8.0
8	29.823	57.51	26.0	78.8	29.0	84.2	22.6	72.7	91.5	Variable.	94	58	12	7	W.	2 40	0.705	17.9
9	29.870	58.67	27.1	80.8	30.1	86.2	22.7	72.9	86.0	WSW.	190	118	18	11	WSW.	7 00	0.024	0.6
10	29.839	57.90	26.7	80.1	30.4	86.7	22.8	73.1	87.5	SW.	140	87	16	10	E.	6 15	0.768	19.5
11	29.806	57.06	28.0	82.4	31.7	89.0	23.2	73.8	77.4	WSW.	230	143	18	11	WSW.	10 05		
12	29.810	57.16	27.7	81.9	29.8	85.7	23.1	73.6	77.0	WSW, WNW.	320	199	28	18	SW.	8 30		
13	29.797	56.83	27.9	82.2	30.9	87.7	22.9	73.3	76.3	SW.	294	183	28	18	SW.	9 10		
14	29.785	56.52	27.8	82.0	30.5	86.9	23.2	73.7	80.7	WSW.	235	146	28	18	WSW.	8 45		
15	29.825	57.54	28.8	83.8	34.4	93.9	22.4	72.4	76.6	Variable.	171	106	16	10	SW.	9 45		
16	29.862	58.47	28.4	83.1	32.7	90.8	23.0	73.4	78.6	WSW.	221	137	22	14	WSW.	8 55		
17	29.854	58.29	27.6	81.7	29.7	85.4	24.0	75.2	84.8	WSW.	392	244	36	22	WSW.	2 50	0.232	5.9
18	29.863	58.51	27.0	80.6	28.8	83.9	23.5	74.3	86.0	WSW.	618	384	54	34	WSW.	0 00	0.197	5.0
19	29.869	58.66	26.3	79.3	28.0	82.4	22.2	71.9	86.4	Variable.	352	219	44	27	W. by N.	0 00	0.079	2.0
20	29.834	57.77	26.9	80.4	28.3	83.0	23.3	73.9	84.5	WSW.	454	282	34	21	WSW.	0 00	0.496	12.6
21	29.779	56.38	25.5	77.9	28.4	83.1	22.4	72.3	91.0	WSW.	690	429	50	31	SW.	0 00	3.169	80.5
22	29.751	55.64	24.3	75.7	26.2	79.2	20.9	69.7	95.7	WSW.	496	308	40	25	W.	0 00	4.851	123.2
23	29.751	55.65	25.0	77.0	28.7	83.6	22.1	71.7	94.3	SE.	184	114	18	11	SSE.	1 50	1.299	33.0
24	29.815	57.30	25.8	78.4	28.4	83.2	22.9	73.2	91.5	Variable.	128	80	10	6	SW.	0 30	0.244	6.2
25	29.886	59.10	27.1	80.8	30.3	86.6	23.1	73.5	84.6	Variable.	183	114	16	10	W.	2 50		
26	29.900	59.46	26.9	80.4	30.7	87.3	23.1	73.6	84.0	N., WSW.	230	143	16	10	WSW.	6 20	0.362	9.2
27	29.856	58.33	26.9	80.4	30.0	86.0	23.5	74.3	85.1	Variable.	231	144	20	12	WNW.	5 35	0.071	1.8
28	29.877	58.85	27.1	80.8	30.4	86.8	22.2	71.9	77.6	W., WSW.	195	121	13	8	W.	9 25		
29	29.926	60.11	25.8	78.4	30.1	86.1	22.0	71.6	84.4	Variable.	128	80	16	10	E.	2 45	0.043	1.1
30	29.945	60.61	26.0	78.8	30.4	86.7	22.7	72.9	86.4	Variable.	118	73	14	9	WNW.	2 40	0.642	16.3
Mean	29.826	757.56	26.7	80.1	29.7	85.4	22.8	73.1	85.8		301.8	187.6	26.7	16.6		4 24		
Total											9054	5627				132 15	20603	523.3

[1] Corrected for instrumental error and for temperature, and reduced to sea level. Correction to standard gravity, —1.72mm (—0.068 inch).

UNIV. OF MICH.
APR 17 1903.

MONTHLY REPORT

OF THE

Board of Health of the Philippine Islands

AND

CITY OF MANILA.

OCTOBER, 1902.

TO THE HON. DEAN C. WORCESTER, SECRETARY OF THE INTERIOR.

BOARD OF HEALTH.

MAJOR E. C. CARTER, M. D., U. S. Army,
Commissioner of Public Health.

CAPT. T. R. MARSHALL, M. D., U. S. Vols.,
Acting Chief Health Inspector.

H. D. OSGOOD, B. S.,
Sanitary Engineer.

P. C. FREER, M. D., Ph. D.,
Superintendent of Government Laboratories.

MANUEL GOMEZ MARTINEZ,
Secretary.

MANILA:
BUREAU OF PUBLIC PRINTING.
1903.

3823

LETTER OF TRANSMITTAL.

DEPARTMENT OF THE INTERIOR,
BUREAU OF PUBLIC HEALTH FOR PHILIPPINES,
Manila, November 14, 1902.

TO THE HONORABLE THE SECRETARY OF THE INTERIOR:

I have the honor to submit herewith the report of the Board of Health for the Philippine Islands and City of Manila for the month of October, 1902.

Very respectfully,

MAJOR E. C. CARTER,
Commissioner of Public Health.

Population of Manila.

Filipinos	223,900
Chinese	60,680
Foreigners	7,852
Americans	9,722
Total	302,154

Deaths Occurring During the Month of October.

Filipinos	864
Chinese	51
Foreigners	10
Americans	2
Total	927

Annual Death Rate per Thousand for the Month.

Filipinos	45.46
Chinese	9.90
Foreigners	15.01
Americans	2.42
Average	36.14

Births Reported in October.

Filipinos	178
Chinese	1
Foreigners	7
Americans	0
Total	186

Annual Birth Rate per Thousand for the Month.

Filipinos	9.36
Chinese	0.19
Foreigners	10.50
Americans	
Average	7.25

Summary of Statistics of Births and Deaths.

Population, census estimated, Health Department	302,154
Mortality for the month of October	927
Annual death rate per 1,000 for month of October	36.14
*Births reported	186
Annual birth rate (based on reports)	7.25

*Incomplete.

Deaths by Age.

Under 30 days	87
30 days to 1 year	354
1 year to 2 years	28
2 years to 5 years	45
5 years to 10 years	21
10 years to 15 years	9
15 years to 20 years	25
20 years to 25 years	50
25 years to 30 years	71
30 years to 40 years	99
40 years to 50 years	69
50 years to 60 years	39
60 years to 70 years	54
70 years to 80 years	28
80 years to 90 years	10
90 years to 100 years	6
100 years to 110 years	3
100 years to 120 years	1
Unknown	2
Total	1,001

Stillbirths, 18. Of the grand total of 1,001 deaths, 74 were those of transients, while 927 were permanent residents of Manila.

Deaths by Districts.

Walled City	53
Binondo	64
San Nicolas	100
Tondo	219
Santa Cruz	158
Quiapo	48
Sampaloc	88
San Miguel	49
Paco	63
Ermita	22
Malate	36
Pandacan	18
Transient residents	74
Santa Ana	9
Total	1,001

25 of above were stillbirths.

Number of deaths with medical attendance	470
Number of deaths without medical attendance	477
Number of deaths, Chinese with medical attendance	7
Number of deaths, Chinese without medical attendance	47
Total	1,001

18 of above were stillbirths.

A Classified Report of all Deaths Occurring in Manila During the Month of October, 1902.

Males.

Married	95
Widower	24
Single	131
Boys	270
Condition not stated in certificate	20
Total	540

Females.

Married	104
Widows	47
Single	38
Girls	266
Condition not stated in certificate	6
Stillbirths	18
Total	479
Grand Total	1,019

Including 74 transients in Manila.

CAUSES OF DEATHS FOR THE MONTH OF OCTOBER, 1902.

(STILLBIRTHS NOT INCLUDED.)

	NOMENCLATURE DESIGNED FOR THE STATISTICS OF DEATH.	NOMENCLATURA PARA LAS ESTADÍSTICAS DE DEFUNCIONES.	Americans.		Europeans.		Filipinos.		Chinese.		Total.
			M.	F.	M.	F.	M.	F.	M.	F.	
	I.	**I.**									
	General Diseases.	**Enfermedades Generales.**									
1	Typhoid fever (abdominal typhus)	Fiebre tifoidea			1		7	3			11
2	Exanthematic typhus	Tifus exantemático									
3	Recurrent fever	Fiebre recurrente									
4	Intermittent fever, and malarial cachexia	Fiebre intermitente					4	4	1		9
4a	Malarial cachexia	Caquexia palúdica					3	3			6
5	Variola	Viruelas					1				1
6	Measles	Sarampión									
7	Scarlatina	Escarlatina									
8	Whooping cough	Tos ferina									
9	Diphtheria and croup	Difteria y crup									
9a	Diphtheria	Difteria									
10	Grippe	Gripe						2			2
11	Miliary fever	Fiebre miliar									
12	Asiatic cholera	Cólera asiático	1		2	1	26	21	8		59
13	Cholera, nostras	Cólera nostras									
14	Dysentery	Disentería			1		15	7	3		26
14a	Epidemic dysentery	Disentería epidémica									
15	Plague	Peste					1	1			2
16	Yellow fever	Fiebre amarilla									
17	Leprosy	Lepra									
18	Erysipelas	Erisipelas					1				1
19	Other epidemic affections (beri-beri)	Otras afecciones epidémicas (beri-beri)					16	33	8		57
20	Purulent infection and septicæmia	Infección purulenta y septicemia									
21	Glanders and farcy	Muermo y lamparones									
22	Malignant pustule and anthrax	Pústula maligna y anthrax									
23	Rabies	Rabia									
24	Actinomycosis, trichinosis, etc	Actinomicosis, trichinosis, etc									
25	Pellagra	Pelagra									
26	Tuberculosis of larynx	Tuberculosis de la laringe						1			1
27	Tuberculosis of lungs	Tuberculosis del pulmón					31	26	10		67
28	Tuberculosis of meninges	Tuberculosis de las meninges					1				1
29	Tuberculosis of abdomen	Tuberculosis abdominal					1				1
30	Pott's disease	Mal de Pott									
31	Cold abscess and abscess by congestion	Abscesos fríos y por congestión									
32	White swellings	Tumores blancos									
33	Tuberculosis of other organs	Tuberculosis de otros órganos									
34	Generalized tuberculosis	Tuberculosis generalizada									
35	Scrofula	Escrófula									
36	Syphilis	Sífilis									
37	Gonorrhea of the adult	Blenorragia en los adultos					1				1
38	Gonococcic infections of children	Afecciones gonocócicas en los niños									
39	Cancer and other malignant tumors of the bucal cavity.	Cáncer ú otros tumores malignos en la cavidad bucal									
40	Cancer and other malignant tumors of the stomach and liver.	Cáncer ú otros tumores malignos del estómago é hígado.					1				1
41	Cancer and other malignant tumors of Peritoneum, intestines and rectum	Cáncer ú otros tumores malignos del peritoneo, intestinos y recto.									
42	Cancer and other malignant tumors of the female genitals.	Cáncer ú otros tumores malignos de los órganos genitales de la mujer.						2			2
43	Cancer and other malignant tumors of the breast	Cáncer ú otros tumores malignos de la mama									
44	Cancer and other malignant tumors of the skin	Cáncer ú otros tumores malignos de la piel									
45	Cancer and other malignant tumors of other organs and organs not specified.	Cáncer ú otros tumores malignos en otros órganos									
46	Other tumors (tumors of the female genitals excepted)	Otros tumores (exceptuándose los de los órganos genitales de la mujer).									
47	Acute articular rheumatism	Reumatismo articular agudo						1			1
48	Chronic rheumatism, and gout	Reumatismo crónico y gota					4				4
49	Scurvy	Escorbuto									
50	Diabetes	Diabetes						1			1
51	Exophthalmic goiter	Bocio exoftálmico									
52	Addisson's disease	Enfermedad bronceada de Addison									
53	Leukæmia	Leucemia									
54	Anæmia, chlorosis	Anemia, clorosis					4	5	3		12
55	Other general diseases	Otras enfermedades generales	1								1
56	Acute alcoholism or chronic	Alcoholismo agudo ó crónico			1						1
57	Lead-poisoning	Saturnismo									
58	Other poisonings incident to occupations	Otras intoxicaciones profesionales crónicas									
59	Other chronic poisonings	Otros envenenamientos crónicos									
	II.	**II.**									
	Diseases of the Nervous System and the Organs of Special Sense.	**Enfermedades del Sistema Nervioso y de los Organos de los Sentidos.**									
60	Encephalitis	Encefalitis									
61	Simple meningitis	Meningitis simple					14	20			34
61a	Epidemic cerebro-spinal, meningitis	Meningitis cérebro-espinal epidémica									
62	Progressive locomotor ataxia	Ataxia locomotriz progresiva									
63	Other diseases of the spinal cord	Otras enfermedades de la médula espinal									
64	Cerebral congestion and hemorrhage	Congestión y hemorragia cerebrales				1	4	4			9
65	Cerebral softening	Reblandecimiento cerebral						1			1
66	Paralysis without apparent cause	Parálisis sin indicación de causa									
67	General paralysis	Parálisis generales					2	3	1		6

	NOMENCLATURE DESIGNED FOR THE STATISTICS OF DEATH.	NOMENCLATURA PARA LAS ESTADÍSTICAS DE DEFUNCIONES.	Americans.		Europeans.		Filipinos.		Chinese.		Total.
			M.	F.	M.	F.	M.	F.	M.	F.	
	II. Diseases of the Nervous System and the Organs of Special Sense—Cont'd.	**II.—Enfermedades del Sistema Nervioso y de los Organos de los Sentidos—Cont'd.**									
68	Other forms of insanity	Otras formas de alienación mental									
69	Epilepsy	Epilepsia					1				1
70	Eclampsia (nonpuerperal)	Eclampsia (no puerperal)					41	38			79
71	Convulsions of children	Convulsiones en los niños					119	116			235
72	Tetanus	Tétano				1	8	8		1	18
73	Chorea	Corea						1			1
74	Other diseases of the nervous system	Otras enfermedades del sistema nervioso					3	2			5
75	Diseases of the eye and its adnexa	Enfermedades de ojos y sus anexos									
76	Diseases of the ear	Enfermedades de los oídos									
	III. Diseases of the Circulatory System.	**III. Enfermedades del Aparato Circulatorio.**									
77	Pericarditis	Pericarditis									
78	Acute endocarditis	Endocarditis aguda					3	4			7
79	Organic disease of the heart	Enfermedades orgánicas del corazón					9	5	4		18
80	Angina pectoris	Angina de pecho					6	11			17
81	Affections of the arteries (atheroma, aneurism, etc.)	Afecciones de las arterias, etc					1	3	1		5
82	Embolus and thrombosis	Embolia y trombosis					1				1
83	Affections of the veins (varices, hemorrhoides, phlebitis).	Afecciones de las venas									
84	Affections of the lymphatic system (lymphangitis, etc.).	Afecciones del sistema linfático									
85	Hemorrhages	Hemorragias									
86	Other affections of the circulatory system	Otras afecciones del aparato circulatorio									
	IV. Diseases of the Respiratory System.	**IV. Enfermedades del Aparato Respiratorio.**									
87	Diseases of the nasal fossæ	Enfermedades de las fosas nasales									
88	Affections of the larynx	Afecciones de la laringe					5	4			9
89	Affections of the thyroid body	Afecciones del cuerpo tiroideo									
90	Acute bronchitis	Bronquitis aguda					19	20			39
91	Chronic bronchitis	Bronquitis crónica				1	14	19	1		35
92	Broncho-pneumonia	Bronco-pneumonia					2				2
93	Pneumonia	Pneumonía					3	1			4
94	Pleurisy	Pleuresía									
95	Pulmonary congestion and apoplexy	Congestion y apoplegía pulmonares					1	1	1		3
96	Gangrene of the lungs	Gangrena del pulmón									
97	Asthma	Asma					3	1			4
98	Pulmonary emphysema	Enfisema pulmonar									
99	Other diseases of the respiratory system (phthisis excepted).	Otras enfermedades del aparato respiratorio (exceptuándose la tisis).									
	V. Diseases of Digestive System.	**V. Enfermedades del Aparato Digestivo.**									
100	Affections of the mouth and its adnexa	Afecciones de la boca y de sus anexos									
101	Affections of the pharynx	Afecciones de la faringe									
102	Affections of the esophagus	Afecciones del esófago									
103	Ulcer of the stomach	Ulcera del estómago									
104	Other affections of the stomach (cancer excepted)	Otras afecciones del estómago (exceptuándose el cáncer).					3	2			5
105	Diarrhea and enteritis (under two years)	Diarrea y enteritis (en niños menores de 2 años)					1				1
105a	Chronic diarrhea and enteritis	Diarrea y enteritis crónica					9	16	2		27
106	Diarrhea and enteritis (two years and over)	Diarrea y enteritis (en niños de 2 ó más años)						1			1
107	Intestinal parasites	Parásitos intestinales					2				2
108	Hernias; intestinal obstructions	Hernias; obstrucciones intestinales						2			2
109	Other affections of the intestines	Otras afecciones del intestino									
110	Acute yellow atrophy of the liver	Ictericia grave									
111	Hydatid tumors of the liver	Tumores hidátidicos del hígado									
112	Cirrhosis of the liver	Cirrosis del hígado						3			3
113	Biliary calculi	Cálculos biliares									
114	Other affections of the liver	Otras afecciones del hígado					1	1	1		3
115	Affections of the spleen	Afecciones del bazo									
116	Simple peritonitis (puerperal excepted)	Peritonitis simple (exceptuándose la puerperal)						1			1
117	Other affections of the digestive system (cancer and tuberculosis excepted).	Otras afecciones del aparato digestivo (exceptuándose el cáncer y tuberculosis).									
118	Appendicitis and abscess of the iliac fossa	Apendicitis y flemón de la fosa iliaca									
	VI. Diseases of the Genito-Urinary System and its Adnexa.	**VI. Enfermedades del Aparato Génito Urinario y de sus Anexos.**									
119	Acute nephritis	Nefritis aguda			1		3	2	1		7
120	Bright's disease	Mal de Bright					3	2	1		6
121	Other diseases of the kidneys and their adnexa	Otras enfermedades de los riñones y de sus anexos									
122	Calculi of the urinary tract	Cálculos de las vías urinarias					1				1
123	Diseases of the bladder	Enfermedades de la vegiga					1				1
124	Diseases of the urethra, urinary abscess, etc	Enfermedades de la uretra									
125	Diseases of the prostate	Enfermedades de la próstata									
126	Nonvenereal diseases of the male genital organs	Enfermedades no venereas de los órganos genitales del hombre.					1				1
127	Metritis	Metritis									
128	Uterine hemorrhage (nonpuerperal)	Hemorragia uterina (no puerperal)									
129	Tumor, uterine (noncancerous)	Tumor uterino (no canceroso)									
130	Other diseases of the uterus	Otras enfermedades del útero									
131	Cysts and other tumors of the ovary	Quistes y otros tumores del ovario									
132	Other diseases of the female genital organs	Otras enfermedades de los organos genitales de la mujer.									
133	Nonpuerperal diseases of the breast (cancer excepted).	Enfermedades no puerperales de la mama (exceptuándose el cáncer).									

	NOMENCLATURE DESIGNED FOR THE STATISTICS OF DEATH.	NOMENCLATURA PARA LAS ESTADÍSTICAS DE DEFUNCIONES.	Americans. M.	Americans. F.	Europeans. M.	Europeans. F.	Filipinos. M.	Filipinos. F.	Chinese. M.	Chinese. F.	Total.
	VII.	**VII.**									
	The Puerperal State.	**Estado Puerperal.**									
134	Accidents of pregnancy	Accidentes de la preñez									
135	Puerperal hemorrhage	Hemorragia puerperal						1			1
136	Other accidents of labor	Otros accidentes del parto									
137	Puerperal septicæmia	Septicemia puerperal						6			6
138	Albuminuria and puerperal eclampsia	Albuminuria y eclampsia puerperales									
139	Puerperal phlegmasia alba dolens	Flegmasia alba dolens puerperal									
140	Other puerperal accidents—sudden death	Otros accidentes puerperales—muerte repentina									
141	Puerperal diseases of the breast	Enfermedades puerperales de la mama									
	VIII.	**VIII.**									
	Diseases of the Skin and Cellular Tissue.	**Enfermedades de la Piel y del Tejido Celular.**									
142	Gangrene	Gangrena									
143	Furuncle	Forúnculo									
144	Warm-acute abscess	Abscesos calientes agudos					1				1
145	Other diseases of the skin and its adnexa	Otras enfermedades de la piel									
	IX.	**IX.**									
	Diseases of the Organs of Locomotion.	**Enfermedades de los Órganos de la Locomoción.**									
146	Affections of the bones (nontuberculous)	Afecciones de los huesos(exceptuando la tuberculosis)									
147	Diseases of the joints (tuberculosis and rheumatism excepted).	Afecciones de las articulaciones (exceptuando la tuberculosis y el reumatismo).									
148	Amputation	Amputación									
149	Other affections of the organs of locomotion	Otras afecciones de los órganos de la locomoción									
	X.	**X.**									
	Malformations.	**Vicios de Conformación.**									
150	Congenital malformations (stillbirths excepted)	Vicios de conformación congénitos (exceptuándose los de niños nacidos muertos).					3	1			4
	XI.	**XI.**									
	Early Infancy.	**Primera Infancia.**									
151	Congenital debility icterus and sclerema	Debilidad congéntia, ictericia y esclerema					3	8			11
152	Other special diseases of early infancy	Otras enfermedades especiales de la primera edad					1				1
153	Lack of care	Falta de cuidados						1			1
	XII.	**XII.**									
	Old Age.	**Vejez.**									
154	Senile debility	Debilidad senil					4	18			22
	XIII.	**XIII.**									
	Affections Produced by External Causes.	**Afecciones Producidas por Causas Exteriores.**									
155	Suicide by poison	Suicidio por envenenamiento									
156	Suicide by asphyxia	Suicidio por asfixia									
157	Suicide by hanging or strangulation	Suicidio por suspensión ó por extrangulación									
158	Suicide by submersion	Suicidio por submersión									
159	Suicide by firearms	Suicidio por armas de fuego									
160	Suicide by cutting instruments	Suicidio por instrumentos cortantes									
161	Suicide by jumping from high place	Suicidio por dejarse caer desde un punto elevado									
162	Suicide by crushing	Suicidio por aplastamiento									
163	Other suicides	Otros suicidios									
164	Fractures	Fracturas					1				1
165	Dislocations	Luxaciones									
166	Other accidental traumatisms	Otros traumatismos accidentales							1		1
167	Burns	Quemaduras por el fuego									
168	Burning by corrosive substances	Quemaduras por substancias corrosivas									
169	Insolation	Insolación									
170	Freezing	Congelación									
171	Electrical shocks	Commoción eléctrica									
172	Accidental submersion	Submersión accidental					2	1			3
173	Inanition	Inanición					3	4			7
174	Inhalation of deleterious gases (suicide excepted)	Absorción de gases deletéreos									
175	Other acute poisonings	Otros envenenamientos agudos									
176	Other external violence	Otras violencias exteriores							1		1
	XIV.	**XIV.**									
	Ill-defined Diseases.	**Enfermedades mal Definidas.**									
177	Dropsy	Hidropesía						1			1
178	Sudden death	Muerte repentina									
179	Unspecified or ill-defined causes of death	Causas de muerte no especificadas ó mal definidas					1	1	2		4
	Total		2		7	3	420	444	50	1	
	Grand total		2		10		864		51		927

Number of Deaths with Causes Occurring Among Transients in Manila During the Month of October. These Deaths Are not Included in Preparing Death Rate of City.

			Americans.		Foreigners.		Filipinos.		Chinese.		Total.
			M.	F.	M.	F.	M.	F.	M.	F.	
	I.	**I.**									
	General Diseases.	**Enfermedades Generales.**									
4	Intermittent fever and malarial cachexia	Fiebre intermitente y caquexia palúdica					1				1
12	Asiatic cholera	Cólera asiático					3	1	2		6
14	Disentery	Di enteria					3	1			4
19	Other epidemic affections (beri-beri)	Otras afecciones epidémicas (beri-beri)					37	1			38
20	Purulent infection and Septicæmia	Infección purulenta y septicemia					1				1
27	Tuberculosis of lungs	Tuberculosis de los pulmones	2				3	2			7
54	Anæmia, chlorosis	Anemia, clorosis					1	1			2
	II.	**II.**									
	Diseases of the Nervous System and the Organs of Special Sense.	**Enfermedades del Sistema Nervioso y Organos de los Sentidos Especiales.**									
64	Cerebral congestion and hemorrhage	Congestion cerebral y hemorragia						1			1
	III.	**III.**									
	Diseases of the Circulatory System.	**Enfermedades del Aparato Circulatorio.**									
77	Pericarditis	Pericarditis							1		1
79	Organic disease of the heart	Enfermedades orgánicas del corazon					1				1
80	Angina pectoris	Angina de pecho						1			1
	IV.	**IV.**									
	Diseases of the Respiratory System.	**Enfermedades del Sistema Respiratorio.**									
91	Chronic bronchitis	Bronquitis crónica						3			3
93	Pneumonia	Pneumonia					1				1
95	Pulmonary congestion and apoplexy	Congestión pulmonar y apoplegia					1				1
96	Gangrene of the lungs	Gangrena del pulmón					1				1
99	Other diseases of the respiratory system (Phthisis excepted	Otras enfermedades del aparato respiratorio (exceptuando la tisis)					1				1
	VI.	**VI.**									
	Diseases of the Genito-Urinary System and Its Adnexa.	**Enfermedades del Aparato Genito-Urinario y sus Anexos.**									
119	Acute nephritis	Nefritis aguda					1				1
120	Bright's disease	Enfermedad de Bright					1				1
	XII	**XII.**									
	Old Age.	**Vejez.**									
154	Senile Debility	Debilidad senil						1			1
	XIII.	**XIII.**									
	Affections produced by Exterinal Causes.	**Afecciones producidas por causas externas.**									
160	Suicide by cutting instruments	Suicidio por instrumentos cortantes					1				1
	Total		2				57	12	3		74

Report of Prescriptions Filled at the Municipal Dispensary; Showing Districts, Sex, and Age of Persons to Whom Medicines Have Been Given During the Month.

Districts.	Americans.				Foreigners.				Filipinos.				Chinese.				Total.
	Adult.		Children.		Adult.		Children.		Adult.		Children.		Adult.		Children.		
	M.	F.	Boy.	Girl.	M.	F.	Boy.	Girl.	M.	F.	Boy.	Girl.	M.	F.	Boy.	Girl.	
Walled City									8	11	3	1					23
Concepcion										4	7	14					25
San Miguel									7	5	2						14
Ermita										4	3	3					10
Malate									8	11	5						24
Paco									16	26	2	2					46
Santa Ana									3	2	1						6
Sampaloc									36	79	23	21					159
Pandacan									44	63	7	26					140
Quiapo									29	22	5	8					64
Santa Cruz									12	20	10	2					44
Binondo									11	7	7	1					26
San Nicolas									7	2		1					10
Tondo																	
Total									181	256	75	79					591

Burials, October, 1902.

Cemeteries.	No.
Loma (Government)	560
Paco General (Government)	26
Santa Cruz	2
Balic-balic	136
Binondo	49
Tondo	9
Maytubig	60
Malate	50
Pandacan	17
Chinese	53
Crematory	40
Santa Ana	18
Total	1,020

In these figures is included the body of an American. Forwarded from Malasiqui and interred in the Paco Cemetery.
18 of the above were stillbirths and 74 transient residents.

Cases of Cholera Occurring in the City of Manila during the Month of October, 1902.—Permanent residents.

	Cases.	Recoveries.	Deaths.
Americans	5	4	1
Filipinos	71	24	47
Foreigners	3		3
Chinese	9	1	8
Total	88	29	59
Per cent			67.04

Crematories.

Animals cremated.	October, 1902. Paco.	Santa Cruz.	Total.
Carcases of goats consumed		1	1
Carcases of native horses consumed	73	40	113
Carcases of American horses consumed	53	8	61
Carcases of mules consumed	12	3	15
Carcases of carabaos consumed	10	3	13
Carcases of cows consumed	45	17	62
Carcases of dogs consumed	56	85	141
Carcases of fowls consumed	55	422	477
Carcases of cats consumed	6		6
Carcases of rats consumed	23	139	162
Carcases of pigs consumed	21	1	22
Carcases of snakes consumed			
Total	354	719	1,073
Loads cremated—			
Street sweeping	446	191	637
House refused		374	374
Biscuits		2	2
Candy		2	2
Slops	495		495
Total	941	569	1,510

Comparative Mortality from October 1, 1901, to October 31, 1902.

Month.	1900. No. deaths.	1900. Annual death rate per 1,000.	1901. No. deaths.	1901. Annual death rate per 1,000.	1902. No. deaths.	1902. Annual death rate per 1,000.
January	1,055	50.65	753	36.22	760	[2]30.46
February	884	47.08	689	36.69	706	[2]30.81
March	887	42.62	885	42.67	770	[2]30.02
April	805	40.02	886	44.04	1,327	53.46
May	732	35.21	903	43.44	1,688	65.81
June	599	[1]29.79	621	30.89	1,418	57.13
July	787	[1]37.09	608	28.46	2,223	86.68
August	773	[1]36.43	702	33.08	1,712	66.75
September	1,027	[1]50.01	767	37.25	1,132	45.61
October	976	[1]48.48	848	41.29	927	36.14

[1] Death rate computed on population of 244,732 (Health Department's Census), stillbirths included.
[2] Death rate computed on population of 302,154; stillbirths not included.

Disinterments, October, 1902.

Paco Cemetery	8
Chinese Cemetery (for removal to China)	2
Malate	3
Santa Cruz	5
Tondo	11
Total	29

Veterinary Division.

WILLIAM W. RICHARDS, V. S., *City Veterinarian.*
JOHN G. SLEE, D. V. S., *Asst. City Veterinarian.*

On arrival in city:	
Number of cattle inspected	3,329
Number of hogs inspected	5,251
Number of carabaos inspected	207
Number of sheep inspected	8
Number of goats inspected	92
Number of horses inspected	416
Number of other animals inspected	2
In Government slaughterhouse:	
Number of cattle slaughtered	2,033
Number of hogs slaughtered	5,318
Number of sheep slaughtered	70
Number of cattle condemned and cremated	7
Number of hogs condemned and cremated	22
Number of horses condemned for glanders	2

Report of Sick and Wounded City Poor Attended by Municipal Physicians During the Month of October, 1902.

		Sex. M.	Sex. F.	Children. Boys.	Children. Girls.	Nationality. Filipinos. M.	Filipinos. F.	Chinese. M.	Chinese. F.	Foreigners. M.	Foreigners. F.	Americans. M.	Americans. F.	Total.	Cured. M.	Cured. F.	Deaths. M.	Deaths. F.	Number of visits.
R. PERRAMON	Walled City	11	29	8	10	19	39							58	9	18	1	5	162
	Concepcion	1	7	6	8	7	15							22	4	5	1	2	51
	San Miguel	4	5	2	1	6	6							12	1	1		2	42
C. MORA	Paco	12	12	11	4	23	16							39	7	6	9	2	104
	Ermita	1	4	1	2	2	6							8		1	2	2	24
	Malate	6	9	7	6	13	15							28	6	5	3	7	78
	Santa Ana	5	9	2		7	9							16	3	8	3		42
C. REYES	Quiapo	5	4	1	5	6	9							15	5	5	1	1	99
	Santa Cruz	11	11	4	1	14	12			1				27	10	6	1	2	49
F. CASTAÑEDA	Sampaloc	12	35	7	8	19	43							62	11	14	1	7	156
	Pandacan	4	3		1	4	4							8	3	2	1	1	25
S. V. DEL ROSARIO	Binondo																		
V. PANTOJA	Tondo	12	18	4	4	14	22	2						38	3	10	5	4	83
V. CAVANNA	San Nicolas	9	9	4	4	13	13							26	5	7		4	135
Total		93	155	57	54	147	209	2		1				359	67	88	28	39	1,050

Report on Vaccination, City of Manila, During the Month of October, 1902.

	Children.			Adults.			Totals.			Grand totals.
	Filipinos.	Chinese.	Americans and foreigners.	Filipinos.	Chinese.	Americans and foreigners.	Filipinos.	Chinese.	Americans and foreigners.	
Walled City	823		2	530	37	5	1,353	37	7	1,397
Binondo	359			1,490	301		1,849	301		2,150
San Nicolas	210	6		280	272		490	278		768
Tondo	1,318			666	126	1	1,984	126	1	2,111
Santa Cruz	445			280	148		725	148		873
Quiapo	566			334	20		900	20		920
San Miguel	278			542	180	2	820	180	2	1,002
Sampaloc	389		2	478	12	4	867	12	6	885
Paco	199			445	24	1	644	24	1	669
Ermita	120			495	64	2	615	64	2	681
Malate	210			138	12	2	348	12	2	362
Pandacan										
Santa Ana										
Total										11,818

RECAPITULATION.

Children	6,891
Adults	4,927
Total	11,818
Filipinos	10,595
Chinese	1,202
Americans and foreigners	21
Total	11,818

Vaccine Virus Issued During Month of October, 1902.

Vaccine Institute, SATURNINO ESPEJO, Director.

	Units.
Army	2,000
Navy	2,200
Inhabitants of the Philippine Archipelago (excluding Manila)	40,200
Amount of vaccine virus sold to the public	585
Amount of vaccine virus used by public vaccinator	11,818
Total	56,803

General Inspection of Houses, Premises, Vaults, etc., with Improvements Ordered, by Medical Inspectors, Chief Sanitary Inspectors and Sanitary Inspectors, for the Month of October, 1902.

1. Houses inspected by the Chief Sanitary Inspector	
2. Houses reinspected for verification of work ordered	
3. Houses inspected by sanitary inspectors	
4. Houses reinspected by sanitary inspectors	
5. Houses ordered cleaned (written)	
6. Houses ordered cleaned (verbal)	
7. Houses cleaned	27,395
8. Houses ordered whitewashed and painted	668
9. Houses whitewashed and painted	633
10. Houses disinfected	1,117
11. Number of houses recommended condemned and removed	219
12. Number of houses condemned and removed	13
13. Number of localities where "squatters" are located	16
14. Number of samples of water from wells sent to laboratory	1
15. Number of reports from same	0
16. Number of fire plugs opened or closed for sanitary purposes	0
17. Number of hydrants recommended reopened	13
18. Number of houses where garbage has not been removed for two days	325
19. Number of persons reported sick to municipal physicians	418
20. Cesspools and vaults ordered cleaned	748
21. Cesspools cleaned	872
22. Yards ordered cleaned	9,961
23. Yards cleaned	8,651
24. Yards ordered repaired (repaved, etc.)	277
25. Yards repaired	206
26. Number of cholera cases reported by sanitary inspectors	54
27. Number of cholera cases reported by auxiliary advisory board	16
28. Number of cholera cases found alive	48
29. Number of cholera cases found dead	27
30. Number of orders issued during the month	2,500
31. Number of orders complied with during the month	1,869
32. Number of orders awaiting action	402
33. Number of orders pending in court	4
34. Number of food tiendas in district	1,450
35. Number of persons convicted for violation of food prohibition order	28
36. Average in visiting each street and barrio during month	837
37. Number of regular inspectors on duty	48
38. Number of emergency inspectors on duty	88
39. Number of leper cases sent to San Lazaro Hospital	5
40. Number of plague cases reported	2
41. Number of smallpox cases reported	2
42. Houses in which traps are set	8
43. Houses in which bane is placed	0
44. Traps set	26
45. Plates whith rat bane placed	0
46. Rats caught by rat-catchers	0
47. Rats caught by traps	0
48. Rats caught by poison	0
49. Rats purchased	0
50. Rat-cachers employed	0

Monthly Sanitary Report, Station A, District of San Nicolas, Harbor and River for October, 1902.

Number of cascos, ships and other craft inspected	6,211
Number of cholera cases found on ships and other craft	6
Number of cholera cases found alive	1
Number of cholera cases found dead	5
Number of dead bodies found in river and harbor	2
Number of cascos, etc., disinfected	6
Number of cascos quarantined	1

Report from the Bureau of Government Laboratories, October, 1902.

Analyses.

Oils	4
Poison cases	2
Alloys	1
Urines	37
Lamps	1
Paints	7
Water	6
Wines	1
Milks	1
Total	60

During the month 405 capsules and 500 grams of benzozone were issued to the hospitals This includes a shipment of benzozone sent to the doctors now on cholera duty at Iligan, Mindanao, and the result of this experiment is awaited with interest, as this is the first attempt to ship the peroxide from Manila. Another shipment to use in an epidemic of dysentery in Vigan is awaiting a vessel.

Diagnoses.

		Pos.	Neg.	Total.
Sputa for tuberculosis		4	55	59
Sputa for Pneumococcus		0	1	1
Smears for gonococci		0	4	4
Feces:	Pos.			
Amebae dysenteriae	32			
Ameba coli	1			
Monads	17			
Ova trichocephalus dispar	3			
Ova uncinaria duodenale	2	55	60	115
Blood counts				20
Malarial parasites		2	14	16
Microscopical examinations of urine				23
Total		61	134	238

Autopsies.

Broncho-pneumonia	1
Broncho-pneumonia with malaria	1
Tuberculosis and Malaria	1
Fatty degeneration of heart and arteriosclerosis of coronary arteries	1
Total	4

Reports Received of Lepers Living in the Various Provinces of the Philippine Islands, to October 31, 1902.

Province.	Number of men.	Number of women.	Children and young.		Single.		Married.		Widower.	Widow.	Race.	Total.
			M.	F.	M.	F.	M.	F.				
Antique	92	37	2	2	38	28	42	4	12	5	Filipinos	133
Batangas	19	5			12	3	3	3	3		do	24
Bataan	10	4	1	1	5		3	2	2	2	do	16
Benguet	31	10	1	1	1		21	10	9		Igorrotes	43
Ambos Camarines	33	17	1	1	24	12	8	5	1		Filipinos	52
Bulacan	17	9	2	1	12	6	5	3			do	29
Ilocos Norte	45	28	5	2	9	10	31	8	5	10	do	80
Ilocos Sur	176	84	4	2	101	50	66	17	14	12	do	266
Leyte	49	38	1	3	26	27	20	7	3	4	do	91
Masbate	51	35	25	10	22	15	23	19	2	5	do	121
Cagayan	46	30		3	20	10	20	19	6	1	do	79
Lepanto	14	4	1		5	1	8		1	3	do	19
Cavite	17	5		3	16	3	1			2	do	25
Nueva Ecija	44	24			19	12	22	8	2	5	do	68
Negros Occidental	26	11	5	1	17	10	8	1	1		do	43
Pampanga	8	5	2		3	1	5	3	1		do	15
Pangasinan	120	80	2	3	36	28	65	38	19	14	do	205
Rizal	41	24	2		19	12	21	7	3	3	do	67
Marinduque	1	1	1			1	1				do	3
Laguna	1						1				do	1
San Lazaro	112	60	2	2	83	36	27	20	2	4	do	176
Tarlac	27	24	11	4	7	9	17	11	2	5	do	66
Sorsogon	75	33	1	1	33	17	40	10	3	5	do	110
Romblon	5	10			3	6	2	3	1		do	15
Samar	39	32	13	8	17	9	21	18	3	3	do	92
Union	43	28	3		15	14	24	12	4	2	do	74
Zambales	58	35	2		30	15	26	13	4	5	do	95
Mindanao	140	74	3	3	84	46	45	18	9	12	Moros	220
Cebú	171	89	5	4	136	64	33	21	3	3	Filipinos	269
Iloilo	231	66	11	2	113	37	94	9	24	20	do	310
Negros Oriental	66	42	6	2	27	23	32	14	7	5	do	116
Isabela de Luzon	18	4	1		3	1	10	3	5		do	23
Tayabas	1								1		do	1
Albay	68	33	1	1	30	18	27	10	11	5	do	103
Nueva Vizcaya	13	12	2		7	3	4	6	2	3	do	27
Abra	11	6			5	4	5	2	1		do	17
Bohol	46	46	5	1	20	19	27	17	3	6	do	98
Capiz	44	33	19	9	26	24	12	12	1	1	do	105
Total	2,009	1,078	140	70	1,024	574	821	353	169	146		3,297

Report of the Smallpox Hospital, City of Manila, for the Month Ended October 31, 1902.

	Remaining from last report.	Admissions during the month.	Total to be accounted for.	Discharged cured.	Died.	Otherwise disposed of.	Remaining in hospital.
Americans and Europeans							
Chinese		2			1		
Filipinos				1			
Total		2		1	1		

Philippine Weather Bureau—Manila Central Observatory. Bulletin for October, 1902. Meteorological Data Deduced from Hourly Observations.

Date.	Barometer. Mean.		Temperature. Mean.		Temperature. Maximum.		Temperature. Minimum.		Relative humidity, mean.	Wind. Prevailing direction.	Wind. Total daily motion.		Wind. Maximum. Force.		Wind. Maximum. Direction.	Sunshine.	Rainfall.	
	Inch.	*mm.*	°*C.*	°*F.*	°*C.*	°*F.*	°*C.*	°*F.*	*Per ct.*		*Km.*	*Miles.*	*Km.*	*Miles.*		*H. m.*	*Inch.*	*mm.*
1	29.942	760.49	27.0	80.6	31.3	88.3	22.1	71.7	83.1	Variable.	128	80	14	9	WSW.	7 50		
2	29.915	59.82	27.4	81.3	30.5	86.9	22.8	73.0	83.7	WSW.	210	130	22	14	WSW.	9 30	0.886	22.5
3	29.905	59.58	27.6	81.7	32.8	91.1	22.9	73.3	80.6	Variable.	148	92	14	9	W.	9 50		
4	29.920	59.96	26.9	80.4	31.6	88.8	22.8	73.0	86.7	Variable.	156	97	17	11	WSW.	3 55		
5	29.927	60.13	28.0	82.4	31.2	88.2	23.1	73.5	81.0	WSW.	226	140	22	14	WSW.	10 10		
6	29.940	60.44	27.4	81.3	33.8	92.8	22.3	72.2	73.6	SE.	164	102	20	12	ESE.	8 55	1.055	26.8
7	29.933	60.28	26.7	80.1	31.2	88.1	22.7	72.8	86.3	Variable.	135	84	16	10	NE.	5 55		
8	29.911	59.73	26.6	79.9	31.1	87.9	22.1	71.7	85.2	Variable.	162	101	14	9	W.	6 55		
9	29.941	60.51	26.7	80.1	30.4	86.8	21.9	71.5	84.5	NE.	178	111	16	10	NE.	8 20		
10	29.991	61.74	26.7	80.1	30.6	87.1	22.8	70.1	83.1	NE.	128	80	10	6	NNE.	2 55		
11	30.002	62.02	26.9	80.4	32.6	90.7	22.0	71.6	78.1	E.	150	93	13	8	ESE.	6 05		
12	29.978	61.43	27.6	81.7	32.3	90.2	21.3	70.3	76.9	ENE.	162	101	12	7	WSW.	8 40		
13	29.936	60.35	26.7	80.1	31.3	88.3	22.1	71.7	81.4	ESE.	130	81	14	9	ESE.	5 10		
14	29.915	59.83	27.0	80.6	30.6	87.1	21.9	71.4	83.2	ESE.	116	72	14	9	W.	7 40	0.024	0.6
15	29.908	59.66	27.7	81.9	32.9	91.2	22.1	71.7	78.7	SE.	134	83	14	9	W.	8 25		
16	29.938	60.39	27.4	81.3	32.3	90.1	23.3	74.0	79.9	WSW.	108	67	12	7	WSW.	8 30		
17	30.004	62.07	26.3	79.3	31.1	88.0	21.5	70.7	85.0	Variable.	91	57	8	5	SW.	4 50	0.303	7.7
18	30.018	62.46	26.7	80.1	31.8	89.2	22.8	73.0	78.8	Variable.	70	44	11	7	E.	4 35		
19	29.993	61.81	25.7	78.3	29.6	85.2	20.6	69.0	79.5	N.	104	65	16	10	N.	3 35		
20	29.955	60.84	26.1	79.0	32.1	89.8	21.0	69.8	78.2	NNE.	146	91	16	10	E.	7 40		
21	29.944	60.59	25.9	78.6	31.1	88.0	21.7	71.1	82.1	NE.	115	71	21	13	NNE.	3 30		
22	29.943	60.54	26.6	79.9	31.9	89.5	21.6	70.8	81.0	NE.	96	60	10	6	WSW.	7 10	0.047	1.2
23	29.932	60.25	26.7	80.1	31.8	89.3	20.7	69.3	77.8	WSW.	132	82	16	10	WSW	9 20		
24	29.927	60.12	25.5	77.9	30.3	86.6	19.6	67.3	87.6	NE.	114	71	12	7	WNW.	6 30	0.071	1.8
25	29.914	59.81	26.4	79.5	30.6	87.0	22.2	71.9	84.5	NE.	147	91	14	9	NE.	8 10	0.130	3.3
26	29.931	60.23	25.9	78.6	30.1	86.2	21.1	69.9	83.1	NE.	158	98	18	11	NNE.	1 10		
27	29.955	60.86	27.3	81.1	32.1	89.7	21.7	71.1	81.0	Variable.	136	85	13	8	WSW.	8 55		
28	29.943	60.56	27.4	81.3	32.2	90.0	21.9	71.5	82.3	W.-SSW.	120	75	12	7	WSW.	8 40	0.114	2.9
29	29.906	59.60	26.7	80.1	31.8	89.3	21.7	71.0	79.5	ENE.	170	106	18	11	WNW.	8 15		
30	29.873	58.75	26.3	79.3	31.6	88.8	21.0	69.8	81.3	NNE.	154	96	13	8	SE.	7 35	0.110	2.8
31	29.873	58.76	26.3	79.3	31.3	88.4	22.1	71.8	84.3	NNE-ESE	161	100	20	12	SE.	1 50		
Mean	29.939	760.44	26.8	80.2	31.5	88.7	21.9	71.4	82.0		140.3	87.3	14.9	9.3		6 47		
Total											4349	2706				210 30	2.740	69.6

MONTHLY REPORT

OF THE

Board of Health for the Philippine Islands

AND

CITY OF MANILA.

NOVEMBER, 1902.

TO THE HON. DEAN C. WORCESTER, SECRETARY OF THE INTERIOR.

BOARD OF HEALTH.

E. C. CARTER, M. D.,
Major-Surgeon, U. S. Army,
Commissioner of Public Health.

T. R. MARSHALL, M. D.,
Captain-Asst. Surgeon, U. S. Vols.,
Acting Chief Health Inspector.

H. D. OSGOOD, B. S.,
Sanitary Engineer.

P. C. FREER, M. D., Ph. D.,
Superintendent of Government Laboratories.

MANUEL GOMEZ MARTINEZ, M. D.,
Secretary.

MANILA:
BUREAU OF PUBLIC PRINTING.
1903.

2695

LETTER OF TRANSMITTAL.

DEPARTMENT OF THE INTERIOR,
BUREAU OF PUBLIC HEALTH FOR PHILIPPINES,
OFFICE OF THE COMMISSIONER,
Manila, November, 1902.

SIR: I have the honor to submit herewith the report of the Board of Health for the Philippine Islands and the City of Manila for the month of November, 1902.

Very respectfully,

E. C. CARTER,
Commissioner of Public Health.

To the Honorable SECRETARY OF THE INTERIOR,
Manila, P. I.

Population of Manila.

Filipinos	223,900
Chinese	60,680
Foreigners	7,852
Americans	9,722
Total	302,154

Deaths Occurring During the Month of November.

Filipinos	966
Chinese	55
Foreigners	7
Americans	7
Total	1,035

Births Reported in November.

Filipinos	192
Chinese	
Foreigners	1
Americans	4
Total	197

Annual Death Rate per Thousand for the Month.

Filipinos	52.52
Chinese	11.03
Foreigners	10.85
Americans	8.76
Average	41.70

Annual Birth Rate per Thousand for the Month.

Filipinos	10.43
Chinese	
Foreigners	1.55
Americans	5.01
Average	7.93

Summary of Statistics of Births and Deaths.

Population, census estimated, Health Department	302,154
Mortality for the month of November	1,035
Annual death rate per 1,000 for month of November	41.70
*Births reported	197
Annual birth rate (based on reports)	7.93

*Incomplete.

Deaths by Age.

Under 30 days	81
30 days to 1 year	319
1 year to 2 years	32
2 years to 5 years	41
5 years to 10 years	34
10 years to 15 years	21
15 years to 20 years	38
20 years to 25 years	81
25 years to 30 years	100
30 years to 40 years	122
40 years to 50 years	77
50 years to 60 years	45
60 years to 70 years	50
70 years to 80 years	21
80 years to 90 years	13
90 years to 100 years	7
100 years to 110 years	3
110 years to 120 years	2
Unknown	2
Total	1,089

Stillbirths, 13. Of the grand total of 1,089 deaths, 54 were those of transients, while 1,035 were permanent residents of Manila.

Deaths by Districts.

Walled City	66
Binondo	62
San Nicolas	125
Tondo	243
Santa Cruz	179
Quiapo	77
Sampaloc	97
San Miguel	32
Paco	70
Ermita	37
Malate	16
Pandacan	17
Transient residents	54
Santa Ana	13
Unknown	1
Total	1,089

In addition to the above there were 13 stillbirths.

Number of deaths with medical attendance	570
Number of deaths without medical attendance	519
Total	1,089

In addition to the above there were 13 stillbirths.

A Classified Report of all Deaths Occurring in Manila During the Month of November, 1902.

Males.

Married	102
Widower	28
Single	135
Boys	269
Condition not stated in certificate	63
Total	597

Females.

Married	130
Widows	39
Maids	56
Girls	241
Condition not stated in certificate	26
Stillbirths	13
Total	505
Grand Total	1,102

Including 54 transients in Manila.

CAUSES OF DEATHS FOR THE MONTH OF NOVEMBER, 1902.

(STILLBIRTHS NOT INCLUDED.)

	NOMENCLATURE DESIGNED FOR THE STATISTICS OF DEATH.	NOMENCLATURA PARA LAS ESTADÍSTICAS DE DEFUNCIONES.	Americans.		Europeans.		Filipinos.		Chinese.		Total.
			M.	F.	M.	F.	M.	F.	M.	F.	
	I.	**I.**									
	General Diseases.	**Enfermedades Generales.**									
1	Typhoid fever (abdominal typhus)	Fiebre tifoidea					3	7	1		11
2	Exanthematic typhus	Tifus exantemático									
3	Recurrent fever	Fiebre recurrente									
4	Intermittent fever, and malarial cachexia	Fiebre intermitente					6	5			11
4a	Malarial cachexia	Caquexia palúdica					2	1	2		5
5	Variola	Viruelas									
6	Measles	Sarampión									
7	Scarlatina	Escarlatina									
8	Whooping cough	Tos ferina									
9	Diphtheria and croup	Difteria y crup									
9a	Diphtheria	Difteria									
10	Grippe	Gripe					1	1			2
11	Millary fever	Fiebre miliar									
12	Asiatic cholera	Cólera asiático	6		4		123	102	20	1	256
13	Cholera, nostras	Cólera nostras									
14	Dysentery	Disentería					4	5	1		10
14a	Epidemic dysentery	Disentería epidémica									
15	Plague	Peste							1		1
16	Yellow fever	Fiebre amarilla									
17	Leprosy	Lepra									
18	Erysipelas	Erisipelas									
19	Other epidemic affections (beri-beri)	Otras afecciones epidémicas (beri-beri)					14	17	3		34
20	Purulent infection and septicemia	Infección purulenta y septicemia									
21	Glanders and farcy	Muermo y lamparones									
22	Malignant pustule and anthrax	Pústula maligna y antrax									
23	Rabies	Rabia									
24	Actinomycosis, trichinosis, etc	Actinomicosis, trichinosis, etc									
25	Pellagra	Pelagra									
26	Tuberculosis of larynx	Tuberculosis de la laringe					1	2	1		4
27	Tuberculosis of lungs	Tuberculosis del pulmón					28	35	9		72
28	Tuberculosis of meninges	Tuberculosis de las meninges					3				3
29	Tuberculosis of abdomen	Tuberculosis abdominal						1			1
30	Pott's disease	Mal de Pott									
31	Cold abscess and abscess by congestion	Abscesos fríos y por congestión									
32	White swellings	Tumores blancos									
33	Tuberculosis of other organs	Tuberculosis de otros órganos					1				1
34	Generalized tuberculosis	Tuberculosis generalizada									
35	Scrofula	Escrófula					2				2
36	Syphilis	Sífilis									
37	Gonorrhea of the adult	Blenorragia en los adultos									
38	Gonococcic infections of children	Afecciones gonocócicas en los niños									
39	Cancer and other malignant tumors of the bucal cavity.	Cáncer ú otros tumores malignos en la cavidad bucal						2			2
40	Cancer and other malignant tumors of the stomach and liver.	Cáncer ú otros tumores malignos del estómago ó hígado.									
41	Cancer and other malignant tumors of Peritoneum, intestines and rectum	Cáncer ú otros tumores malignos del peritoneo, intestinos y recto.						1			1
42	Cancer and other malignant tumors of the female genitals.	Cáncer ú otros tumores malignos de los órganos genitales de la mujer.									
43	Cancer and other malignant tumors of the breast	Cáncer ú otros tumores malignos de la mama									
44	Cancer and other malignant tumors of the skin	Cáncer ú otros tumores malignos de la piel									
45	Cancer and other malignant tumors of other organs and organs not specified.	Cáncer ú otros tumores malignos en otros órganos									
46	Other tumors (tumors of the female genitals excepted)	Otros tumores (exceptuándose los de los órganos genitales de la mujer).									
47	Acute articular rheumatism	Reumatismo articular agudo									
48	Chronic rheumatism, and gout	Reumatismo crónico y gota					2				2
49	Scurvy	Escorbuto					1				1
50	Diabetes	Diabetes									
51	Exophthalmic goiter	Bocio exoftálmico									
52	Addisson's disease	Enfermedad bronceada de Addison									
53	Leukæmia	Leucemia					2	1			3
54	Anæmia, chlorosis	Anemia, clorosis					2	3	1		6
55	Other general diseases	Otras enfermedades generales									
56	Acute alcoholism or chronic	Alcoholismo agudo ó crónico									
57	Lead-poisoning	Saturnismo									
58	Other poisonings incident to occupations	Otras intoxicaciones profesionales crónicas									
59	Other chronic poisonings	Otros envenenamientos crónicos									
	II.	**II.**									
	Diseases of the Nervous System and the Organs of Special Sense.	**Enfermedades del Sistema Nervioso y de los Organos de los Sentidos.**									
60	Encephalitis	Encefalitis									
61	Simple meningitis	Meningitis simple					15	14			29
61a	Epidemic cerebro-spinal, meningitis	Meningitis cérebro-espinal epidémica									
62	Progressive locomotor ataxia	Ataxia locomotriz progresiva									
63	Other diseases of the spinal cord	Otras enfermedades de la médula espinal					1				1
64	Cerebral congestion and hemorrhage	Congestión y hemorragia cerebrales			1	1	5	5	4		16
65	Cerebral softening	Reblandecimiento cerebral									
66	Paralysis without apparent cause	Parálisis sin indicación de causa									
67	General paralysis	Parálisis generales					4	5			9

	NOMENCLATURE DESIGNED FOR THE STATISTICS OF DEATH.	NOMENCLATURA PARA LAS ESTADÍSTICAS DE DEFUNCIONES.	Americans. M.	Americans. F.	Europeans. M.	Europeans. F.	Filipinos. M.	Filipinos. F.	Chinese. M.	Chinese. F.	Total.
	II. Diseases of the Nervous System and the Organs of Special Sense—Cont'd.	**II.—Enfermedades del Sistema Nervioso y de los Organos de los Sentidos—Cont'd.**									
68	Other forms of insanity	Otras formas de alienación mental									
69	Epilepsy	Epilepsia									
70	Eclampsia (nonpuerperal)	Eclampsia (no puerperal)				1	32	35			68
71	Convulsions of children	Convulsiones en los niños					99	99			198
72	Tetanus	Tétano					10	7			17
73	Chorea	Corea						1			1
74	Other diseases of the nervous system	Otras enfermedades del sistema nervioso					1				1
75	Diseases of the eye and its adnexa	Enfermedades de ojos y sus anexos									
76	Diseases of the ear	Enfermedades de los oídos									
	III.	**III.**									
	Diseases of the Circulatory System.	**Enfermedades del Aparato Circulatorio.**									
77	Pericarditis	Pericarditis					1	2			3
78	Acute endocarditis	Endocarditis aguda					2	5			7
79	Organic disease of the heart	Enfermedades orgánicas del corazón					7	5	1		13
80	Angina pectoris	Angina de pecho					2	6			8
81	Affections of the arteries (atheroma, aneurism, etc.)	Afecciones de las arterias, etc					2	3			5
82	Embolus and thrombosis	Embolia y trombosis					1				1
83	Affections of the veins (varices, hemorrhoides, phlebitis).	Afecciones de las venas									
84	Affections of the lymphatic system (lymphangitis, etc.).	Afecciones del sistema linfático									
85	Hemorrhages	Hemorragias					1		1		2
86	Other affections of the circulatory system	Otras afecciones del aparato circulatorio									
	IV.	**IV.**									
	Diseases of the Respiratory System.	**Enfermedades del Aparato Respiratorio.**									
87	Diseases of the nasal fossæ	Enfermedades de las fosas nasales									
88	Affections of the larynx	Afecciones de la laringe					9	5			14
89	Affections of the thyroid body	Afecciones del cuerpo tiroideo									
90	Acute bronchitis	Bronquitis aguda					20	12			32
91	Chronic bronchitis	Bronquitis crónica					14	10	2		26
92	Broncho-pneumonia	Bronco-pneumonía					1	1			2
93	Pneumonia	Pneumonía					3	2			5
94	Pleurisy	Pleuresía					1	1			2
95	Pulmonary congestion and apoplexy	Congestion y apoplegía pulmonares					2	3			5
96	Gangrene of the lungs	Gangrena del pulmón									
97	Asthma	Asma						1			1
98	Pulmonary emphysema	Enfisema pulmonar									
99	Other diseases of the respiratory system (phthisis excepted).	Otras enfermedades del aparato respiratorio (exceptuándose la tísis).									
	V.	**V.**									
	Diseases of Digestive System.	**Enfermedades del Aparato Digestivo.**									
100	Affections of the mouth and its adnexa	Afecciones de la boca y de sus anexos						1			1
101	Affections of the pharynx	Afecciones de la faringe									
102	Affections of the esophagus	Afecciones del esófago									
103	Ulcer of the stomach	Úlcera del estómago					1				1
104	Other affections of the stomach (cancer excepted)	Otras afecciones del estómago (exceptuándose el cáncer).					6	4			10
105	Diarrhea and enteritis (under two years)	Diarrea y enteritis (en niños menores de 2 años)									
105a	Chronic diarrhea and enteritis	Diarrea y enteritis crónica	1				15	19	1		36
106	Diarrhea and enteritis (two years and over)	Diarrea y enteritis (en niños de 2 ó más años)					1	2			3
107	Intestinal parasites	Parásitos intestinales									
108	Hernias; intestinal obstructions	Hernias; obstrucciones intestinales					1				1
109	Other affections of the intestines	Otras afecciones del intestino								1	1
110	Acute yellow atrophy of the liver	Ictericia grave									
111	Hydatid tumors of the liver	Tumores hidátidicos del hígado									
112	Cirrhosis of the liver	Cirrosis del hígado					2		1		3
113	Biliary calculi	Cálculos biliares									
114	Other affections of the liver	Otras afecciones del hígado					1	1	2		4
115	Affections of the spleen	Afecciones del bazo									
116	Simple peritonitis (puerperal excepted)	Peritonitis simple (exceptuándose la puerperal)					1	2			3
117	Other affections of the digestive system (cancer and tuberculosis excepted).	Otras afecciones del aparato digestivo (exceptuándose el cáncer y tuberculosis).									
118	Appendicitis and abscess of the iliac fossa	Apendicitis y flemón de la fosa iliaca					1				1
	VI.	**VI.**									
	Diseases of the Genito-Urinary System and its Adnexa.	**Enfermedades del Aparato Génito Urinario y de sus Adnexos.**									
119	Acute nephritis	Nefritis aguda					1	2			3
120	Bright's disease	Mal de Bright					2	6			8
121	Other diseases of the kidneys and their adnexa	Otras enfermedades de los riñones y de sus anexos									
122	Calculi of the urinary tract	Cálculos de las vías urinarias									
123	Diseases of the bladder	Enfermedades de la vegiga									
124	Diseases of the urethra, urinary abscess, etc	Enfermedades de la uretra									
125	Diseases of the prostate	Enfermedades de la próstata									
126	Nonvenereal diseases of the male genital organs	Enfermedades no venereas de los órganos genitales del hombre.									
127	Metritis	Metritis									
128	Uterine hemorrhage (nonpuerperal)	Hemorragia uterina (no puerperal)									
129	Tumor, uterine (noncancerous)	Tumor uterino (no canceroso)									
130	Other diseases of the uterus	Otras enfermedades del útero									
131	Cysts and other tumors of the ovary	Quistes y otros tumores del ovario									
132	Other diseases of the female genital organs	Otras enfermedades de los organos genitales de la mujer.									
133	Nonpuerperal diseases of the breast (cancer excepted).	Enfermedades no puerperales de la mama (exceptuándose el cáncer).									

	NOMENCLATURE DESIGNED FOR THE STATISTICS OF DEATH.	NOMENCLATURA PARA LAS ESTADÍSTICAS DE DEFUNCIONES.	Americans. M.	Americans. F.	Europeans. M.	Europeans. F.	Filipinos. M.	Filipinos. F.	Chinese. M.	Chinese. F.	Total.
	VII.	**VII.**									
	The Puerperal State.	**Estado Puerperal.**									
134	Accidents of pregnancy	Accidentes de la prefiez									
135	Puerperal hemorrhage	Hemorragia puerperal						2			2
136	Other accidents of labor	Otros accidentes del parto									
137	Puerperal septicæmia	Septicemia puerperal						6			6
138	Albuminuria and puerperal eclampsia	Albuminuria y eclampsia puerperales						3			3
139	Puerperal phlegmasia alba dolens	Flegmasia alba dolens puerperal									
140	Other puerperal accidents—sudden death	Otros accidentes puerperales—muerte repentina									
141	Puerperal diseases of the breast	Enfermedades puerperales de la mama									
	VIII.	**VIII.**									
	Diseases of the Skin and Cellular Tissue.	**Enfermedades de la Piel y del Tejido Celular.**									
142	Gangrene	Gangrena									
143	Furuncle	Forúnculo									
144	Warm-acute abscess	Abscesos calientes agudos									
145	Other diseases of the skin and its adnexa	Otras enfermedades de la piel									
	IX.	**IX.**									
	Diseases of the Organs of Locomotion.	**Enfermedades de los Órganos de la Locomoción.**									
146	Affections of the bones (nontuberculous)	Afecciones de los huesos(exceptuando la tuberculosis)									
147	Diseases of the joints (tuberculosis and rheumatism excepted).	Afecciones de las articulaciones (exceptuando la tuberculosis y el reumatismo).									
148	Amputation	Amputación									
149	Other affections of the organs of locomotion	Otras afecciones de los órganos de la locomoción									
	X.	**X.**									
	Malformations.	**Vicios de Conformación.**									
150	Congenital malformations (stillbirths excepted)	Vicios de conformación congénitos (exceptuándose los de niños nacidos muertos).					1	3			4
	XI.	**XI.**									
	Early Infancy.	**Primera Infancia.**									
151	Congenital debility icterus and sclerema	Debilidad congéntia, ictericia y esclerema					10	5			15
152	Other special diseases of early infancy	Otras enfermedades especiales de la primera edad									
153	Lack of care	Falta de cuidados					1				1
	XII.	**XII.**									
	Old Age.	**Vejez.**									
154	Senile debility	Debilidad senil					4	16			20
	XIII.	**XIII.**									
	Affections Produced by External Causes.	**Afecciones Producidas por Causas Exteriores.**									
155	Suicide by poison	Suicidio por envenenamiento									
156	Suicide by asphyxia	Suicidio por asfixia									
157	Suicide by hanging or strangulation	Suicidio por suspensión ó por extrangulación							1		1
158	Suicide by submersion	Suicidio por submersión									
159	Suicide by firearms	Suicidio por armas de fuego									
160	Suicide by cutting instruments	Suicidio por instrumentos cortantes									
161	Suicide by jumping from high place	Suicidio por dejarse caer desde un punto elevado									
162	Suicide by crushing	Suicidio por aplastamiento									
163	Other suicides	Otros suicidios									
164	Fractures	Fracturas					1				1
165	Dislocations	Luxaciones									
166	Other accidental traumatisms	Otros traumatismos accidentales									
167	Burns	Quemaduras per el fuego					1	2			3
168	Burning by corrosive substances	Quemaduras por substancias corrosivas									
169	Insolation	Insolación									
170	Freezing	Congelación									
171	Electrical shocks	Commoción eléctrica									
172	Accidental submersion	Submersión accidental					3		1		4
173	Inanition	Inanición					3	2			5
174	Inhalation of deleterious gases (suicide excepted)	Absorción de gases deletéreos									
175	Other acute poisonings	Otros envenenamientos agudos									
176	Other external violence	Otras violencias exteriores									
	XIV.	**XIV.**									
	Ill-defined Diseases.	**Enfermedades mal Definidas.**									
177	Dropsy	Hidropesía									
178	Sudden death	Muerte repentina									
179	Unspecified or ill-defined causes of death	Causas de muerte no especificadas ó mal definidas					1				1
	Total		7		6	1	485	481	53	2	1035
	Grand total		7		7		966		55		1035

Number of Deaths with Causes Occurring Among Transients in Manila During the Month of November. These Deaths Are not Included in Preparing Death Rate of City.

			Americans.		Foreigners.		Filipinos.		Chinese.		Total.
			M.	F.	M.	F.	M.	F.	M.	F.	
	I.	**I.**									
	General Diseases.	**Enfermedades Generales.**									
4	Intermittent fever and malarial chachexia	Fiebre intermitente y caquexia palúdica						1			1
4a	Malarial chachexia	Caquexia palúdica						1			1
12	Asiatic cholera	Cólera Asiático			1		9	5			15
14	Dysentery	Disenteria					2				2
17	Leprosy	Lepra					1				1
19	Other epidemic affections (beri-beri)	Otras afecciones epidémicas (beri-beri)					12	1			13
27	Tuberculosis of lungs	Tuberculosis de los pulmones					2		1		3
34	Generalized tuberculosis	Tuberculosis generalizada					1				1
54	Anaemia, chlorosis	Anemia clorosis						1			1
56	Acute alcoholism or chronic	Alcholismo agudo, ó crónico	1								1
	II.	**II.**									
	Diseases of the Nervous System and the Organs of Special Sense.	**Enfermedades del Sistema Nervioso, y de los Organos de los Sentidos Especiales.**									
64	Cerebral congestion and hemorrhage	Congestion y hemorragia cerebrales					1				1
71	Convulsions of children	Convulsiones infantiles						1			1
	III.	**III.**									
	Diseases of the Circulatory System.	**Enfermedades del Aparato Circulatorio.**									
78	Acute endocarditis	Endocarditis aguda					1				1
79	Organic disease of the heart	Enfermedades orgánicas del corazon					1				1
81	Affections of the arteries (atheroma, aneurism, etc.)	Afecciones de las arterias (ateroma, aneurisma, etc.)					1				1
85	Hemorrhages	Hemorragias							1		1
	IV.	**IV.**									
	Diseases of the Respiratory System.	**Enfermedades del Aparato Respiratorio.**									
88	Affections of the larynx	Afecciones de la laringe					1				1
93	Pneumonia	Pneumonia					4				4
	V.	**V.**									
	Diseases of Digestive System.	**Enfermedades del Aparato Digestivo.**									
108	Hernias: Intestinal obstructions	Hernias: Obstrucciones intestinales							1		1
	VI.	**XII.**									
	Diseases of the Genito-Urinary System and Its Adnexa.	**Enfermedades del Aparato Genito-Urinario y sus Anexos.**									
119	Acute nephritis	Nefritis aguda					2				2
122	Calculi of the urinary tract	Calculo del conducto urinario					1				1
	Total		1		1		39	10	3		54

Report of Prescriptions Filled at the Municipal Dispensary, Showing Districts, Sex, and Age of Persons to Whom Medicines Have Been Given During the Month.

Districts.	Americans.				Foreigners.				Filipinos.				Chinese.				Total.
	Adult.		Children.		Adult.		Children.		Adult.		Children.		Adult.		Children.		
	M.	F.	Boy.	Girl.	M.	F.	Boy.	Girl.	M.	F.	Boy.	Girl.	M.	F.	Boy.	Girl.	
Walled City									7	13	1	1					22
Concepcion										3	4	5					12
San Miguel									10	5	5	2					22
Ermita									11	13		3					27
Malate									8	19	2						29
Paco									10	11							21
Santa Ana									1	2		1					4
Sampaloc									98	143	30	38					309
Pandacan									4	3							7
Quiapo									30	45	15	12					102
Santa Cruz									10	26	5	3					44
Binondo									11	13	2	1					27
San Nicolas									16	2	3	1					22
Tondo									2	2							4
Total									218	300	67	67					652

Burials, November, 1902.

Cemeteries.	No.
Loma (Government)	568
Paco General (Government)	14
Santa Cruz	13
Balic-balic	131
Binondo	23
Tondo	7
Maytubig	66
Malate	29
Pandacan	16
Chinese	56
Crematory	153
Santa Ana	24
American National Cemetery	2
San Pedro Macati	------
Total	1,102

Thirteen of the above were stillbirths and 54 transient residents.

Cases of Cholera Occurring in the City of Manila during the Month of November, 1902.

	Cases.	Recoveries.	Deaths.
Americans	13	7	6
Foreigners	10	6	4
Filipinos	297	72	225
Chinese	21	------	21
Total	341	85	256
Per cent			75.07

Crematories.

Animals cremated.	NOVEMBER, 1902.		
	Paco.	Santa Cruz.	Total.
Chickens		766	766
Carabaos		26	26
Cows		31	31
Dogs		264	264
Goats		1	1
Horses, American		31	31
Horses, native		82	82
Mules		4	4
Pigs		3	3
Rats		292	292
Cartloads of refuse consumed		469	469

Comparative Mortality from November 1, 1901, to November 30, 1902.

Month.	1900.		1901.		1902.	
	No. deaths.	Annual death rate per 1,000.	No. deaths.	Annual death rate per 1,000.	No. deaths.	Annual death rate per 1,000.
January	[1]1,055	50.65	753	36.22	[2]760	30.46
February	884	47.08	689	36.69	[3]706	30.81
March	887	42.67	885	42.67	[3]770	30.02
April	[1]805	40.02	886	44.04	[3]1,327	53.46
May	[1]732	35.21	[1]903	43.44	[3]1,688	65.81
June	[1]599	29.79	[1]621	30.89	[3]1,418	57.13
July	[1]787	37.09	[1]608	28.46	[3]2,223	86.68
August	[1]825	38.88	[2]702	33.08	[3]1,712	66.75
September	[1]1,027	50.01	[2]767	37.25	[3]1,132	45.61
October	[1]961	46.23	[2]855	40.29	[3]927	36.14
November	[1]976	48.48	[2]848	41.29	[3]1,035	41.70

[1] Death rate computed on population of 244,732 (Health Department's Census), stillbirths included.
[2] Death rate computed on population of 250,00 ; stillbirths not included.
[3] Death rate computed on population of 302,154; stillbirths not included.

Disinterments, November, 1902.

Paco Cemetery	3
Tondo	7
Binondo	2
Santa Cruz	11
Chinese	5
Malate	2
Total	30

Veterinary Division.

WILLIAM W. RICHARDS, V. S., *City Veterinarian.*
JOHN G. SLEE, D. V. S., *Asst. City Veterinarian.*

On arrival in city:	
Number of cattle inspected	2,157
Number of hogs inspected	4,121
Number of carabaos inspected	144
Number of sheep inspected	80
Number of goats inspected	38
Number of horses inspected	317
Number of other animals inspected	3
In Government slaughterhouse:	
Number of cattle slaughtered	1,900
Number of hogs slaughtered	5,078
Number of sheep slaughtered	1
Number of cattle condemned and cremated	6
Number of hogs condemned and cremated	18
Number of horses condemned for glanders	7

General Inspection of Houses, Premises, Vaults, etc., with Improvements Ordered, Disinfected, Whitewashed, Cleaned, etc., by Medical Inspectors, Chief Sanitary Inspectors, and Sanitary Inspectors, for the Month of November, 1902.

Houses inspected by the chief sanitary inspectors	7,205
Houses reinspected for verification of work ordered	2,978
Houses inspected by sanitary inspectors	134,996
Houses reinspected by sanitary inspectors	47,217
Houses ordered cleaned, verbal and written	29,400
Houses cleaned	39,192
Houses ordered whitewashed and painted	320
Houses whitewashed and painted	485
Houses disinfected	800
Number of houses where garbage has not been removed for two days	310
Number of persons reported sick to municipal physician	489
Cesspools and vaults ordered cleaned	669
Number of persons convicted for violation of food prohibition order	99
Number of regular inspectors on duty	46
Number of emergency inspectors on duty	90
Number of leper cases sent t San Lazaro Hospital	2
Number of small-pox cases reported	0
Number of plague cases reported	1
Houses in which bane placed	0
Cesspools cleaned	954
Yards ordered cleaned	19,203
Yards cleaned	31,544
Yards ordered repaired (repaved, etc.)	88
Yards repaired	506
Number of orders issued during the month	1,575
Number of orders complied with during the month	1,246
Number of food tiendas in districts	956
Number orders awaiting action	262
Number orders pending court	20
Number in visiting each street and barrio during the month	768
Houses in which traps are set	8
Traps set	26
Plates with rat bane placed	0
Rats caught by rat catchers	0
Rats caught by traps	0
Rats caught by poison	0
Rats purchased	0
Rat catchers employed	0

Report on Vaccination, City of Manila, During the Month of November, 1902.

	Children.			Adults.			Totals.			Grand totals.
	Filipinos.	Chinese.	Americans and foreigners.	Filipinos.	Chinese.	Americans and foreigners.	Filipinos.	Chinese.	Americans and foreigners.	
Walled City	185			269	103	15	454	103	15	572
Binondo	326	4		407	555	2	733	559	2	1,294
San Nicolas	146			156	377	3	302	377	3	682
Tondo	213			286	210	9	499	210	9	718
Santa Cruz	337			290	30		627	30		657
Quiapo	123			258	117		381	117		498
San Miguel	288			315	70	1	603	70	1	674
Sampaloc	207			422	7	4	629	7	4	640
Paco	242			298	89		540	89		629
Ermita	59			124	8		183	8		191
Malate	93			238	10		331	10		341
Pandacan										
Santa Ana										
										6,896

RECAPITULATION.

Children	2,223
Adults	4,673
Total	6,896
Filipinos	5,282
Chinese	1,580
Americans and foreigners	34
Total	6,896

Vaccine Virus Issued During Month Ending November 30, 1902.

Vaccine Institute, SATURNINO ESPEJO, Director.

Army	2,400
Navy	1,200
Inhabitants of the Philippine Archipelago (excluding Manila)	24,720
Amount of vaccine virus sold to the public	100
Amount of vaccine virus used by public vaccinator	6,896
Total	35,316

Report of Sick and Wounded City Poor Attended by Municipal Physicians During the Month of November, 1902.

		Sex.		Children and young.		Nationality. Filipinos.		Chinese.		Foreigners.		Americans.		Total.	Cured.		Deaths.		Number of visits.
		M.	F.	Boys.	Girls.	M.	F.	M.	F.	M.	F.	M.	F.		M.	F.	M.	F.	
R. PERRAMON	Walled City	11	20	2	6	9	14							31	5	6	3	1	101
	Concepcion	3	4	3	3		1							7	1	1			24
	San Miguel	5	5	3	2	2	3							10	2	2	1	1	25
C. MORA	Paco	21	25	11	6	10	19							46	5	12	9	7	128
	Ermita	3	4	2	1	1	3							7		2	1		23
	Malate	9	15	4	4	5	11							24	7	6	1	3	68
C. REYES	Quiapo	3	4		3	3	1							7	2	4			41
	Santa Cruz	7	12	2	1	5	11							19	6	6		3	120
F. CASTAÑEDA	Sampaloc	49	64	14	18	35	46							113	21	27	12	5	266
S. V. DEL ROSARIO	Binondo																		
V. PANTOJA	Tondo	14	15	6	3	7	12	1						29	6	3	5	7	66
V. CAVANNA	San Nicolas	22	10	7	3	11	7			1		3		32	6	5	1	2	100
C. VICTORINO	Pandacan	5	6	1	3	4	3							11	2	4		1	34
	Santa Ana	6	5	2	1	4	4							11	4	3	2	1	29
Total		158	189	57	54	96	135	1		1		3		347	67	81	35	31	1,025

Report from Bureau of Government Laboratories, November, 1902.

Analyses.

Spoon	4
Poison	1
Urine	42
Metal thread	1
Thimble	2
Soil	3
Paint	1
Caustic	1
Milk	1
Butter	1
Total	57

Of the Benzozone made at the Laboratory 505 grains of powder and 315 three-grain capsules were distributed during the month.

Clinical Examinations.

	Pos.	Neg.	Total.
Sputa for tuberculosis	7	20	27
Smears for gonococci	4	1	5
Feces:		59	81
Amœbae dysenteriae	13		
Monads	5		
Strongyloides	1		
Ova trichocephalus dispar	3		
Ova uncinaria duodenale	6		
Ova ascaris lumbricoides	2		
Spirilla of Asiatic cholera	3	2	5
Blood counts			29
Malarial parasites	3	16	19
Aestivo-autumnal:			
Blood for widal reactions		9	9
Blood for surra	4	2	6
Microscopical examinations of urine			33
Total			214

Reports Received of Lepers Living in the Various Provinces of the Philippine Islands, to November 30, 1902.

Province.	Number of men.	Number of women.	Children and young.		Single.		Married.		Widower.	Widow.	Race.	Total.
			M.	F.	M.	F.	M.	F.				
Antique	92	37	2	2	38	28	42	4	12	5	Filipinos	133
Batangas	19	5			12	3	3	3	3		do	24
Bataan	10	4	1	1	5		3	2	2	2	do	16
Benguet	31	10	1	1	1		21	10	9		Igorrotes	43
Ambos Camarines	33	17	1	1	24	12	8	5	1		Filipinos	52
Bulacan	17	9	2	1	12	6	5	3			do	29
Ilocos Norte	45	28	5	2	9	10	31	8	5	10	do	80
Ilocos Sur	176	84	4	2	101	50	66	17	14	12	do	266
Leyte	49	38	1	3	26	27	20	7	3	4	do	91
Masbate	51	35	25	10	22	15	23	19	2	5	do	121
Cagayan	46	30		3	20	10	20	19	6	1	do	79
Lepanto	14	4	1		5	1	8		1	3	do	19
Cavite	17	5		3	16	3	1			2	do	25
Nueva Ecija	44	24			19	12	22	8	2	5	do	68
Negros Occidental	26	11	5	1	17	10	8	1	1		do	43
Pampanga	8	5	2		3	1	5	3	1		do	15
Pangasinan	120	80	2	3	36	28	65	38	19	14	do	205
Rizal	41	24	2		19	12	21	7	3	3	do	67
Marinduque	1	1	1			1	1				do	3
Laguna	1						1				do	1
San Lazaro	112	60	2	2	83	36	27	20	2	4	do	176
Tarlac	27	24	11	4	7	9	17	11	2	5	do	66
Sorsogon	75	33	1	1	33	17	40	10	3	5	do	110
Romblon	5	10			3	6	2	3	1		do	15
Samar	39	32	13	8	17	9	21	18	3	3	do	92
Union	43	28	3		15	14	24	12	4	2	do	74
Zambales	58	35	2		30	15	26	13	4	5	do	95
Mindanao	140	74	3	3	84	46	45	18	9	12	Moros	220
Cebú	171	89	5	4	136	64	33	21	3	3	Filipinos	269
Iloilo	231	66	11	2	113	37	94	9	24	20	do	310
Negros Oriental	66	42	6	2	27	23	32	14	7	5	do	116
Isabela de Luzon	18	4	1		3	1	10	3	5		do	23
Tayabas	1								1		do	1
Albay	68	33	1	1	30	18	27	10	11	5	do	103
Nueva Vizcaya	8	8	2		3		3	5	2	3	do	18
Abra	11	6			5	4	5	2	1		do	17
Bohol	46	46	5	1	20	19	7	17	3	6	do	98
Capiz	44	33	19	9	26	24	12	12	1	1	do	105
Total	2,004	1,074	140	70	1,020	571	820	352	169	146		3,288

Philippine Weather Bureau—Manila Central Observatory. Bulletin for November, 1902. Data Deduced from Hourly Observations.

Date.	Barometer.[1] Mean.		Temperature. Mean.		Maximum.		Minimum.		Relative humidity, mean.	Wind. Prevailing direction.	Total daily motion.		Maximum. Force.		Direction.	Sunshine.	Rainfall	
	Inch.	*mm.*	°*C.*	°*F.*	°*C.*	°*F.*	°*C.*	°*F.*	*Per ct.*		*Km.*	*Miles.*	*Km.*	*Miles.*		*H. m.*	*Inch.*	*mm.*
1	29.892	759.24	26.3	79.3	30.1	86.2	21.7	71.0	85.1	Variable.	128	80	14	9	NW.	1 50		
2	29.932	60.24	26.4	79.5	29.7	85.5	22.2	71.9	87.7	NNE.	80	50	10	6	NNE.	0 00		
3	29.960	60.97	25.8	78.4	30.1	86.1	22.3	72.1	89.2	NNE.	109	68	15	9	NW.	1 45	0.008	0.2
4	29.913	59.79	26.6	79.9	31.2	88.1	21.6	70.8	83.7	WSW.	139	86	13	8	WSW.	8 45	0.016	0.4
5	29.892	59.24	26.8	80.2	31.3	88.4	22.1	71.8	81.8	SE.	164	102	12	7	SW.	5 50		
6	29.940	60.44	27.2	81.0	32.1	89.8	21.4	70.6	80.9	SW.	118	73	14	9	SW.	9 10	0.004	0.1
7	29.941	60.51	27.2	81.0	31.7	89.0	21.5	70.7	74.7	NE., ENE.	164	102	18	11	E.	7 40		
8	29.827	57.61	25.7	78.3	27.5	81.5	22.2	71.9	86.6	NNW.	396	246	45	28	WSW.	0 00	2.256	57.3
9	29.848	58.13	26.5	79.7	30.6	87.1	22.1	71.7	84.5	ESE.	204	127	20	12	SE.	1 20	0.106	2.7
10	29.870	58.67	26.6	79.9	30.4	86.8	22.4	72.3	80.9	Variable.	130	81	15	9	WNW.	7 35		
11	29.889	59.18	26.2	79.2	30.8	87.5	20.9	69.7	79.9	W.	137	85	16	10	W.	9 20		
12	29.898	59.41	25.6	78.1	31.1	88.0	19.8	67.7	80.1	SE.	166	103	16	10	W.	7 10		
13	29.908	59.66	25.6	78.1	29.8	85.6	18.8	65.9	80.0	W.	155	96	14	9	W.	9 30		
14	29.931	60.23	26.2	79.2	31.1	87.9	20.6	69.0	81.5	ENE.	96	60	8	5	ENE.	7 00		
15	29.947	60.65	26.0	78.8	31.7	89.1	20.3	68.5	78.1	Variable.	125	78	10	6	SW.	9 10		
16	29.982	61.53	26.0	78.8	31.1	88.0	20.1	68.2	77.6	ENE.	101	63	15	9	ENE.	8 20	0.024	0.6
17	29.996	61.87	25.1	77.2	30.3	86.5	19.6	67.3	81.8	Variable.	134	83	14	9	ENE.	5 25	0.004	0.1
18	29.995	61.84	26.0	78.8	32.7	90.8	20.7	69.3	76.5	E.	172	107	19	12	E.	7 30		
19	30.012	62.30	25.5	77.9	30.8	87.5	19.3	66.8	78.2	E.	154	96	16	10	E.	7 00		
20	30.014	62.35	25.8	78.4	30.4	86.7	20.4	68.7	77.4	NW.	137	85	16	10	NW.	8 35		
21	29.983	61.55	25.9	78.6	30.6	87.0	20.0	68.0	80.1	Variable.	174	108	16	10	NW.	7 25		
22	29.967	61.15	25.5	77.9	29.7	85.5	19.8	67.6	81.5	NE.	166	103	20	12	NNE.	4 30		
23	29.992	61.78	25.9	78.6	29.7	85.4	22.1	71.7	88.2	NE.	144	89	14	9	W.	4 10	0.382	9.7
24	29.967	61.16	26.7	80.1	31.7	89.0	21.8	71.2	76.1	E., NE.	198	123	22	14	E.	8 00		
25	29.963	61.04	25.6	78.1	29.4	85.0	21.5	70.7	83.5	NE.	157	98	12	7	NE.	1 10		
26	29.954	60.83	26.3	79.3	31.8	89.2	20.9	69.6	79.4	NE.	198	123	17	11	ESE.	6 35		
27	29.974	61.33	25.9	78.6	32.3	90.1	20.9	69.7	77.8	E.	180	112	18	11	E.	7 30		
28	29.978	61.42	25.7	78.3	32.4	90.4	19.4	67.0	75.1	NE.	200	124	20	12	ENE.	8 45		
29	29.964	61.06	25.8	78.4	30.4	86.8	21.5	70.7	76.0	Variable.	172	107	14	9	NE.	7 15		
30	29.955	60.86	26.2	79.2	32.4	90.3	21.4	70.6	74.4	E.	218	135	22	14	E.	7 30		
Mean	29.943	760.54	26.1	79.0	30.8	87.5	21.0	69.8	80.6		160.5	99.8	16.5	10.2		6 12	0.093	2.4
Total											4,816	2,993				185 45	2.800	71.1

[1] Corrected for instrumental error and for temperature, and reduced to sea level. Correction to standard gravity, —1.72mm (—0.068 inch).

MONTHLY REPORT

OF THE

Board of Health for the Philippine Islands

AND

CITY OF MANILA.

DECEMBER, 1902.

TO THE HON. DEAN C. WORCESTER, SECRETARY OF THE INTERIOR.

BOARD OF HEALTH.

MAJOR E. C. CARTER, M. D., U. S. Army,
Commissioner of Public Health.

CAPT. T. R. MARSHALL, M. D., U. S. Vols.,
Chief Health Inspector.

H. D. OSGOOD, B. S.,
Sanitary Engineer.

P. C. FREER, M. D., Ph. D.,
Superintendent of Government Laboratories.

MANUEL GOMEZ MARTINEZ, M. D.,
Secretary.

MANILA:
BUREAU OF PUBLIC PRINTING.
1903.

3254

LETTER OF TRANSMITTAL.

DEPARTMENT OF THE INTERIOR,
BUREAU OF PUBLIC HEALTH FOR PHILIPPINES,
OFFICE OF THE COMMISSIONER,
Manila, January 6, 1903.

SIR: I have the honor to submit herewith the report of the Board of Health for the Philippine Islands and the City of Manila for the month of December, 1902.

Very respectfully,

E. C. CARTER,
Commissioner of Public Health.

To the Honorable SECRETARY OF THE INTERIOR,
Manila, P. I.

Population of Manila.

Filipinos	223,900
Chinese	60,680
Foreigners	7,852
Americans	9,722
Total	302,154

Deaths Occurring During the Month of December.

Filipinos	700
Chinese	38
Foreigners	6
Americans	9
Total	753

Annual Death Rate per Thousand for the Month.

Filipinos	36.83
Chinese	7.37
Foreigners	9.00
Americans	10.91
Average	29.36

Births Reported in December.

Filipinos	159
Chinese	
Foreigners	3
Americans	1
Total	163

Annual Birth Rate per Thousand for the Month.

Filipinos	8.36
Chinese	
Foreigners	4.50
Americans	1.21
Average	6.35

Summary of Statistics of Births and Deaths.

Population, census estimated, Health Department	302,154
Mortality for the month of December	753
Annual death rate per 1,000 for month of December	29.36
*Births reported	168
Annual birth rate (based on reports)	6.35

*Incomplete.

Deaths by Age.

Under 30 days	55
30 days to 1 year	334
1 year to 2 years	27
2 years to 5 years	26
5 years to 10 years	11
10 years to 15 years	8
15 years to 20 years	19
20 years to 25 years	28
25 years to 30 years	39
30 years to 40 years	80
40 years to 50 years	45
50 years to 60 years	41
60 years to 70 years	39
70 years to 80 years	18
80 years to 90 years	5
90 years to 100 years	11
100 years to 111 years	1
130 years to 140 years	1
Unknown	3
Total	791

Stillbirths, 13. Of the grand total of 791 deaths, 38 were those of transients, while 735 were permanent residents of Manila.

Deaths by Districts.

Walled City	40
Binondo	50
San Nicolas	68
Tondo	180
Santa Cruz	126
Quiapo	60
Sampaloc	79
San Miguel	37
Paco	51
Ermita	22
Malate	16
Pandacan	18
Transient residents	38
Santa Ana	5
Unknown	1
Total	791

In addition to the above there were 13 stillbirths.

Number of deaths with medical attendance	382
Number of deaths without medical attendance	409
Total	791

13 of above were stillbirths.

A Classified Report of all Deaths Occurring in Manila During the Month of December, 1902.

Males.

Married	90
Widower	22
Single	90
Boys	235
Condition not stated in certificate	8
Total	445

Females.

Married	63
Widows	26
Single	34
Girls	221
Condition not stated in certificate	2
Still births	13
Total	359
Grand Total	804

Including 38 transients in Manila.

CAUSES OF DEATHS FOR THE MONTH OF DECEMBER, 1902.

(STILLBIRTHS NOT INCLUDED.)

	NOMENCLATURE DESIGNED FOR THE STATISTICS OF DEATH.	NOMENCLATURA PARA LAS ESTADÍSTICAS DE DEFUNCIONES.	Americans. M.	Americans. F.	Europeans. M.	Europeans. F.	Filipinos. M.	Filipinos. F.	Chinese. M.	Chinese. F.	Total.
	I. General Diseases.	**I. Enfermedades Generales.**									
1	Typhoid fever (abdominal typhus)	Fiebre tifoidea			1		5	3	1		10
2	Exanthematic typhus	Tifus exantemático									
3	Recurrent fever	Fiebre recurrente									
4	Intermittent fever, and malarial cachexia	Fiebre intermitente					9	3			12
4a	Malarial cachexia	Caquexia palúdica					1	1	2		4
5	Variola	Viruelas									
6	Measles	Sarampión									
7	Scarlatina	Escarlatina									
8	Whooping cough	Tos ferina									
9	Diphtheria and croup	Difteria y crup									
9a	Diphtheria	Difteria									
10	Grippe	Gripe									
11	Millary fever	Fiebre miliar									
12	Asiatic cholera	Cólera asiático					14	8	1		23
13	Cholera, nostras	Cólera nostras									
14	Dysentery	Disentería					10	7	3		20
14a	Epidemic dysentery	Disentería epidémica									
15	Plague	Peste					1	1			2
16	Yellow fever	Fiebre amarilla									
17	Leprosy	Lepra									
18	Erysipelas	Erisipelas						1			1
19	Other epidemic affections (beri-beri)	Otras afecciones epidémicas (beri-beri)					14	14	5		33
20	Purulent infection and septicæmia	Infección purulenta y septicemia						1			1
21	Glanders and farcy	Muermo y lamparones									
22	Malignant pustule and anthrax	Pústula maligna y antrax									
23	Rabies	Rabia									
24	Actinomycosis, trichinosis, etc	Actinomicosis, trichinosis, etc									
25	Pellagra	Pelagra									
26	Tuberculosis of larynx	Tuberculosis de la laringe	1				1				2
27	Tuberculosis of lungs	Tuberculosis del pulmón	1				33	24	8		66
28	Tuberculosis of meninges	Tuberculosis de las meninges			1		1	2			4
29	Tuberculosis of abdomen	Tuberculósis abdominal					2				2
30	Pott's disease	Mal de Pott									
31	Cold abscess and abscess by congestion	Abscesos fríos y por congestión									
32	White swellings	Tumores blancos									
33	Tuberculosis of other organs	Tuberculosis de otros órganos									
34	Generalized tuberculosis	Tuberculosis generalizada									
35	Scrofula	Escrófula					1	2			3
36	Syphilis	Sífilis									
37	Gonorrhea of the adult	Blenorragia en los adultos									
38	Gonococcic infections of children	Afecciones gonocócicas en los niños									
39	Cancer and other malignant tumors of the bucal cavity.	Cáncer ú otros tumores malignos en la cavidad bucal									
40	Cancer and other malignant tumors of the stomach and liver.	Cáncer ú otros tumores malignos del estómago ó hígado.									
41	Cancer and other malignant tumors of Peritoneum, intestines and rectum	Cáncer ú otros tumores malignos del peritoneo, intestinos y recto.									
42	Cancer and other malignant tumors of the female genitals.	Cáncer ú otros tumores malignos de los órganos genitales de la mujer.									
43	Cancer and other malignant tumors of the breast	Cáncer ú otros tumores malignos de la mama									
44	Cancer and other malignant tumors of the skin	Cáncer ú otros tumores malignos de la piel									
45	Cancer and other malignant tumors of other organs and organs not specified.	Cáncer ú otros tumores malignos en otros órganos					1	1			2
46	Other tumors (tumors of the female genitals excepted)	Otros tumores (exceptuándose los de los órganos genitales de la mujer).									
47	Acute articular rheumatism	Reumatismo articular agudo					1				1
48	Chronic rheumatism, and gout	Reumatismo crónico y gota					4				4
49	Scurvy	Escorbuto									
50	Diabetes	Diabetes									
51	Exophthalmic goiter	Bocio exoftálmico									
52	Addisson's disease	Enfermedad bronceada de Addison									
53	Leukæmia	Leucemia									
54	Anæmia, chlorosis	Anemia, clorosis	1		1		2	4			8
55	Other general diseases	Otras enfermedades generales									
56	Acute alcoholism or chronic	Alcoholismo agudo ó crónico									
57	Lead-poisoning	Saturnismo									
58	Other poisonings incident to occupations	Otras intoxicaciones profesionales crónicas									
59	Other chronic poisonings	Otros envenenamientos crónicos									
	II. Diseases of the Nervous System and the Organs of Special Sense.	**II. Enfermedades del Sistema Nervioso y de los Organos de los Sentidos.**									
60	Encephalitis	Encefalitis					4				4
61	Simple meningitis	Meningitis simple			2		14	15		1	32
61a	Epidemic cerebro-spinal, meningitis	Meningitis cérebro-espinal epidémica									
62	Progressive locomotor ataxia	Ataxia locomotriz progresiva					1				1
63	Other diseases of the spinal cord	Otras enfermedades de la médula espinal							1		1
64	Cerebral congestion and hemorrhage	Congestión y hemorragia cerebrales					5	4			9
65	Cerebral softening	Reblandecimiento cerebral							2		2
66	Paralysis without apparent cause	Parálisis sin indicación de causa									
67	General paralysis	Parálisis generales						2			2

	NOMENCLATURE DESIGNED FOR THE STATISTICS OF DEATH.	NOMENCLATURA PARA LAS ESTADÍSTICAS DE DEFUNCIONES.	Americans. M.	Americans. F.	Europeans. M.	Europeans. F.	Filipinos. M.	Filipinos. F.	Chinese. M.	Chinese. F.	Total.
	II. Diseases of the Nervous System and the Organs of Special Sense—Cont'd.	**II.—Enfermedades del Sistema Nervioso y de los Organos de los Sentidos—Cont'd.**									
68	Other forms of insanity	Otras formas de alienación mental									
69	Epilepsy	Epilepsia						1			1
70	Eclampsia (nonpuerperal)	Eclampsia (no puerperal)					44	32			76
71	Convulsions of children	Convulsiones en los niños					82	92			174
72	Tetanus	Tétano					2	7		1	10
73	Chorea	Corea									
74	Other diseases of the nervous system	Otras enfermedades del sistema nervioso					2	1			3
75	Diseases of the eye and its adnexa	Enfermedades de ojos y sus anexos									
76	Diseases of the ear	Enfermedades de los oídos									
	III. Diseases of the Circulatory System.	**III. Enfermedades del Aparato Circulatorio.**									
77	Pericarditis	Pericarditis					1	1			2
78	Acute endocarditis	Endocarditis aguda					3	1	1		5
79	Organic disease of the heart	Enfermedades orgánicas del corazón			1		7	4	2		14
80	Angina pectoris	Angina de pecho					2	9			11
81	Affections of the arteries (atheroma, aneurism, etc.)	Afecciones de las arterias, etc					1				1
82	Embolus and thrombosis	Embolia y trombosis					1	1			2
83	Affections of the veins (varices, hemorrhoides, phlebitis).	Afecciones de las venas					1				1
84	Affections of the lymphatic system (lymphangitis, etc.).	Afecciones del sistema linfático									
85	Hemorrhages	Hemorragias		1			1				2
86	Other affections of the circulatory system	Otras afecciones del aparato circulatorio									
	IV. Diseases of the Respiratory System.	**IV. Enfermedades del Aparato Respiratorio.**									
87	Diseases of the nasal fosse	Enfermedades de las fosas nasales									
88	Affections of the larynx	Afecciones de la laringe					9	2			11
89	Affections of the thyroid body	Afecciones del cuerpo tiroideo									
90	Acute bronchitis	Bronquitis aguda					19	17			36
91	Chronic bronchitis	Bronquitis crónica					21	10	1		32
92	Broncho-pneumonia	Bronco-pneumonía						1			1
93	Pneumonia	Pneumonía					2	2	1		5
94	Pleurisy	Pleuresía						1			1
95	Pulmonary congestion and apoplexy	Congestion y apoplegía pulmonares					2		1		3
96	Gangrene of the lungs	Gangrena del pulmón									
97	Asthma	Asma					2				2
98	Pulmonary emphysema	Enfisema pulmonar					1				1
99	Other diseases of the respiratory system (phthisis excepted).	Otras enfermedades del aparato respiratorio (exceptuándose la tisis).									
	V. Diseases of Digestive System.	**V. Enfermedades del Aparato Digestivo.**									
100	Affections of the mouth and its adnexa	Afecciones de la boca y de sus anexos									
101	Affections of the pharynx	Afecciones de la faringe									
102	Affections of the esophagus	Afecciones del esófago									
103	Ulcer of the stomach	Ulcera del estómago					2	3			5
104	Other affections of the stomach (cancer excepted)	Otras afecciones del estómago (exceptuándose el cáncer).		1			1	2	1		5
105	Diarrhea and enteritis (under two years)	Diarrea y enteritis (en niños menores de 2 años)					8	10	2		20
105a	Chronic diarrhea and enteritis	Diarrea y enteritis crónica						1			1
106	Diarrhea and enteritis (two years and over)	Diarrea y enteritis (en niños de 2 ó más años)						1			1
107	Intestinal parasites	Parásitos intestinales					1		1		2
108	Hernias; intestinal obstructions	Hernias; obstrucciones intestinales									
109	Other affections of the intestines	Otras afecciones del intestino									
110	Acute yellow atrophy of the liver	Ictericia grave									
111	Hydatid tumors of the liver	Tumores hidátidicos del hígado					1	3			4
112	Cirrhosis of the liver	Cirrosis del hígado									
113	Biliary calculi	Cálculos biliares						1	1		2
114	Other affections of the liver	Otras afecciones del hígado									
115	Affections of the spleen	Afecciones del bazo	1								1
116	Simple peritonitis (puerperal excepted)	Peritonitis simple (exceptuándose la puerperal)									
117	Other affections of the digestive system (cancer and tuberculosis excepted).	Otras afecciones del aparato digestivo (exceptuándose el cáncer y tuberculosis).									
118	Appendicitis and abscess of the iliac fossa	Apendicitis y flemón de la fosa iliaca									
	VI. Diseases of the Genito-Urinary System and its Adnexa.	**VI. Enfermedades del Aparato Génito Urinario y de sus Adnexos.**									
119	Acute nephritis	Nefritis aguda					1	2			3
120	Bright's disease	Mal de Bright			1		1	1			3
121	Other diseases of the kidneys and their adnexa	Otras enfermedades de los riñones y de sus anexos									
122	Calculi of the urinary tract	Cálculos de las vías urinarias									
123	Diseases of the bladder	Enfermedades de la vegiga									
124	Diseases of the urethra, urinary abscess, etc	Enfermedades de la uretra							1		1
125	Diseases of the prostate	Enfermedades de la próstata									
126	Nonvenereal diseases of the male genital organs	Enfermedades no venereas de los órganos genitales del hombre.									
127	Metritis	Metritis									
128	Uterine hemorrhage (nonpuerperal)	Hemorragia uterina (no puerperal)									
129	Tumor, uterine (noncancerous)	Tumor uterino (no canceroso)									
130	Other diseases of the uterus	Otras enfermedades del útero						1			1
131	Cysts and other tumors of the ovary	Quistes y otros tumores del ovario									
132	Other diseases of the female genital organs	Otras enfermedades de los organos genitales de la mujer.									
133	Nonpuerperal diseases of the breast (cancer excepted).	Enfermedades no puerperales de la mama (exceptuándose el cáncer).									

	NOMENCLATURE DESIGNED FOR THE STATISTICS OF DEATH.	NOMENCLATURA PARA LAS ESTADÍSTICAS DE DEFUNCIONES.	Americans. M.	Americans. F.	Europeans. M.	Europeans. F.	Filipinos. M.	Filipinos. F.	Chinese. M.	Chinese. F.	Total.
	VII.	**VII.**									
	The Puerperal State.	**Estado Puerperal.**									
134	Accidents of pregnancy	Accidentes de la preñez									
135	Puerperal hemorrhage	Hemorragia puerperal						4			4
136	Other accidents of labor	Otros accidentes del parto									
137	Puerperal septicæmia	Septicemia puerperal						3			3
138	Albuminuria and puerperal eclampsia	Albuminuria y eclampsia puerperales									
139	Puerperal phlegmasia alba dolens	Flegmasia alba dolens puerperal									
140	Other puerperal accidents—sudden death	Otros accidentes puerperales—muerte repentina									
141	Puerperal diseases of the breast	Enfermedades puerperales de la mama									
	VIII.	**VIII.**									
	Diseases of the Skin and Cellular Tissue.	**Enfermedades de la Piel y del Tejido Celular.**									
142	Gangrene	Gangrena									
143	Furuncle	Forúnculo									
144	Warm-acute abscess	Abscesos calientes agudos									
145	Other diseases of the skin and its adnexa	Otras enfermedades de la piel						1			1
	IX.	**IX.**									
	Diseases of the Organs of Locomotion.	**Enfermedades de los Órganos de la Locomoción.**									
146	Affections of the bones (nontuberculous)	Afecciones de los huesos(exceptuando la tuberculosis)									
147	Diseases of the joints (tuberculosis and rheumatism excepted).	Afecciones de las articulaciones (exceptuando la tuberculosis y el reumatismo).									
148	Amputation	Amputación									
149	Other affections of the organs of locomotion	Otras afecciones de los órganos de la locomoción									
	X.	**X.**									
	Malformations.	**Vicios de Conformación.**									
150	Congenital malformations (stillbirths excepted)	Vicios de conformación congénitos (exceptuándose los de niños nacidos muertos).					3	2			5
	XI.	**XI.**									
	Early Infancy.	**Primera Infancia.**									
151	Congenital debility icterus and sclerema	Debilidad congéntia, ictericia y esclerema					11	4			15
152	Other special diseases of early infancy	Otras enfermedades especiales de la primera edad					1				1
153	Lack of care	Falta de cuidados									
	XII.	**XII.**									
	Old Age.	**Vejez.**									
154	Senile debility	Debilidad senil					2	11			13
	XIII.	**XIII.**									
	Affections Produced by External Causes.	**Afecciones Producidas por Causas Exteriores.**									
155	Suicide by poison	Suicidio por envenenamiento									
156	Suicide by asphyxia	Suicidio por asfixia									
157	Suicide by hanging or strangulation	Suicidio por suspensión ó por extrangulación									
158	Suicide by submersion	Suicidio por submersión									
159	Suicide by firearms	Suicidio por armas de fuego	1								1
160	Suicide by cutting instruments	Suicidio por instrumentos cortantes									
161	Suicide by jumping from high place	Suicidio por dejarse caer desde un punto elevado									
162	Suicide by crushing	Suicidio por aplastamiento									
163	Other suicides	Otros suicidios									
164	Fractures	Fracturas							1		1
165	Dislocations	Luxaciones									
166	Other accidental traumatisms	Otros traumatismos accidentales					2				2
167	Burns	Quemaduras por el fuego					1				1
168	Burning by corrosive substances	Quemaduras por substancias corrosivas									
169	Insolation	Insolación									
170	Freezing	Congelación									
171	Electrical shocks	Commoción eléctrica									
172	Accidental submersion	Submersión accidental	1				1	1			3
173	Inanition	Inanición					3	2			5
174	Inhalation of deleterious gases (suicide excepted)	Absorción de gases deletéreos					2				2
175	Other acute poisonings	Otros envenenamientos agudos									
176	Other external violence	Otras violencias exteriores					1				1
	XIV.	**XIV.**									
	Ill-defined Diseases.	**Enfermedades mal Definidas.**									
177	Dropsy	Hidropesía									
178	Sudden death	Muerte repentina						1			1
179	Unspecified or ill-defined causes of death	Causas de muerte no especificadas ó mal definidas					1	1			2
	Total		6	3	6		371	329	36	2	753
	Grand total		9		6		700		38		753

Number of Deaths with Causes Occurring Among Transients in Manila During the Month of December. These Deaths Are not Included in Preparing Death Rate of City.

			Americans.		Foreigners.		Filipinos.		Chinese.		Total.
			M.	F.	M.	F.	M.	F.	M.	F.	
	I.	**I.**									
	General Diseases.	**Enfermedades Generales.**									
5	Variola	Viruela					1				1
12	Asiatic cholera	Cólera Asiático					2	1			3
19	Other epidemic affections (beri-beri)	Otras afecciones epidémicas (beri-beri)					5	1			6
27	Tuberculosis of lungs	Tuberculosis de los pulmones					6		1		7
48	Chronic rheumatism and gout	Reumatis crónica y gota						1			1
54	Anæmia, chlorosis	Anemia, clorosis						1			1
	II.	**II.**									
	Diseases of the Nervous System and the Organs of Special Sense.	**Enfermedades del Sistema Nervioso, y otros Organos de los Sentidos Especiales.**									
64	Cerebral congestion and hemorrhage	Congestion cerebral y hemorragia						1	1		2
71	Convulsions of children	Convulsiones infantiles					1	1			2
72	Tetanus	Tetanos					1				1
	III.	**III.**									
	Diseases of the Circulatory System.	**Enfermedades del Aparato Circulatorio.**									
79	Organic disease of the heart	Enfermedades orgánicas del corazon		1				1			2
80	Angina pectoris	Angina de pecho					1				1
	IV.	**IV.**									
	Diseases of the Respiratory System.	**Enfermedades del Sistema Respiratorio.**									
88	Affections of the larynx	Afecciones de la laringe						1			1
90	Acute bronchitis	Bronquitis aguda					1				1
91	Chronic bronchitis	Bronquitis crónica						1			1
93	Pneumonia	Pneumonia					2				2
	V.	**V.**									
	Diseases of Digestive System.	**Enfermedades del Aparato Digestivo.**									
150a	Chronic diarrhea and enteritis	Diarrea y enteritis crónica					2				2
	VI.	**VI.**									
	Diseases of the Genito-Urinary System and Its Adnexa.	**Enfermedades del Aparato Genito-Urinario y sus Anexos.**									
119	Acute nephritis	Nefritis aguda						1			1
120	Bright's disease	Enfermedad de Bright					1				1
	VII.	**VII.**									
	The Puerperal State.	**Estado Puerperal.**									
135	Puerperal Hemorrhage	Hemorragia Puerperal						1			1
	IX.	**IX.**									
	Diseases of the Organs of Locomotion.	**Enfermedades de los Organos de la Locomotion.**									
146	Affections of the Bones (nontuberculous)	Afecciones de los huesos (exceptuando la tuberculosis)					1				1
	Total			1			24	11	2		38

Report of Prescriptions Filled at the Municipal Dispensary; Showing Districts, Sex, and Age of Persons to Whom Medicines Have Been Given During the Month.

Districts.	Americans.				Foreigners.				Filipinos.				Chinese.				Total.
	Adult.		Children.		Adult.		Children.		Adult.		Children.		Adult.		Children.		
	M.	F.	Boy.	Girl.	M.	F.	Boy.	Girl.	M.	F.	Boy.	Girl.	M.	F.	Boy.	Girl.	
Walled City									12	23	1	4					40
Concepcion									1	18	4	11					34
San Miguel									10	1	2	3					16
Ermita									2								2
Malate									11	13	5						29
Paco									4	13							17
Santa Ana										10							10
Sampaloc									74	107	38	11					230
Pandacan									9	3							12
Quiapo									39	32	7	7					85
Santa Cruz									22	13	4	7					46
Binondo									8	5	7	3					23
San Nicolas									15	7							22
Tondo									4	9							13
Total									211	254	68	46					579

Burials, December, 1902.

Cemeteries.	No.
Loma (Government)	442
Paco General (Government)	16
Santa Cruz	3
Balic-balic	132
Binondo	13
Tondo	2
Maytubig	50
Malate	33
Pandacan	22
Chinese	46
Crematory	24
Santa Ana	16
American National Cemetery	3
San Pedro Macati	2
Total	804

Total deaths including 13 childbirths and 38 transients in Manila.

Cases of Cholera Occurring in the City of Manila during the Month of December, 1902.

	Cases.	Recoveries.	Deaths.
Americans	1	1	
Foreigners	1	1	
Filipinos	32	10	22
Chinese	1		1
Total	35	12	23
Per cent			65.71

Crematories.

Animals cremated.	December, 1902. Paco.	Santa Cruz.	Total.
Carcases of native horses consumed	23	75	98
Carcases of American horses consumed	8	15	23
Carcases of mules consumed	1	5	6
Carcases of carabaos consumed	3	16	19
Carcases of cows consumed		54	54
Carcases of dogs consumed	1	245	246
Carcases of fowls consumed	40	805	845
Carcases of cats consumed	6	1	7
Carcases of rats consumed	32	344	376
Carcases of pigs consumed	3	4	7
Ducks	18		18
Goats	7		7
Monkeys	2		2
Total	144	1,564	1,708
Loads cremated—			
House refused	247	809	1,056
Street sweeping		407	407
Slops	237		237
Cheese		1	1
Flour		1	1
Hams		3	3
Military uniforms (discarded)		2	2
Oranges		1	1
European edibles		16	16
Total	484	1,240	1,724

Comparative Mortality from December 1, 1901, to December 31, 1902.

Month.	1900. No. deaths.	1900. Annual death rate per 1,000.	1901. No. deaths.	1901. Annual death rate per 1,000.	1902. No. deaths.	1902. Annual death rate per 1,000.
January	[1]1,055	50.65	753	36.22	[2]760	30.46
February	884	47.08	689	36.69	[3]706	30.81
March	887	42.67	885	42.67	[3]770	30.02
April	[1]805	40.02	886	44.04	[3]1,327	53.46
May	[1]732	35.21	[1]903	43.44	[3]1,688	65.81
June	[1]599	29.79	[1]621	30.89	[3]1,418	57.13
July	[1]787	37.09	[2]608	28.46	[3]2,223	86.68
August	[1]825	38.88	[2]702	33.08	[3]1,712	66.75
September	[1]1,027	50.01	[2]767	37.25	[3]1,132	45.61
October	[1]961	38.44	[2]855	40.29	[3]927	36.14
November	[1]976	48.48	[2]848	41.29	[3]1,035	41.70
December	[1]905	43.54	[2]858	40.43	[3]753	29.36

[1] Death rate computed on population of 244,732 (Health Department's Census), stillbirths included.
[2] Death rate computed on population of 250.000; stillbirths not included.
[3] Death rate computed on population of 302,154; stillbirths not included.

Disinterments, December, 1902.

Paco Cemetery	7
Tondo	2
Pandacan	
Santa Cruz	5
Chinese	21
Total	35

Veterinary Division.

WILLIAM W. RICHARDS, V. S., *City Veterinarian.*
JOHN G. SLEE, D. V. S., *Asst. City Veterinarian.*

On arrival in city:	
Number of cattle inspected	3,156
Number of hogs inspected	4,844
Number of carabaos inspected	252
Number of sheep inspected	13
Number of goats inspected	60
Number of horses inspected	360
Number of other animals inspected	4
In Government slaughterhouse:	
Number of cattle slaughtered	2,045
Number of hogs slaughtered	5,561
Number of sheep slaughtered	53
Number of cattle condemned and cremated	1
Number of hogs condemned and cremated	15
Number of horses condemned for glanders	5
Number of horses condemned for surra	3

General Inspection of Houses, Premises, Vaults, etc., with Improvements Ordered, Disinfected, Whitewashed, Cleaned, etc., by Medical Inspectors, Chief Sanitary Inspectors, and Sanitary Inspectors, for the Month of December, 1902.

Houses inspected by the chief sanitary inspectors	7,024
Houses reinspected for verification of work ordered	2,844
Houses inspected by sanitary inspectors	143,100
Houses reinspected by sanitary inspectors	58,543
Houses ordered cleaned, verbal and written	27,697
Houses cleaned	37,531
Houses ordered whitewashed and painted	223
Houses whitewashed and painted	417
Houses disinfected	489
Number of houses where garbage has not been removed for two days	332
Number of persons reported sick to municipal physician	472
Cesspools and vaults ordered cleaned	776
Cesspools cleaned	937
Yards ordered cleaned	20,086
Yards cleaned	24,291
Number of emergency inspectors on duty	94
Number of plague cases reported	2
Number of small-pox cases reported	2
Number of leper cases sent to San Lazaro Hospital	2
Houses in which traps are set	1,213
Traps set	1,552
Yards ordered repaired (repaved, etc.)	90
Yards repaired	75
Number of orders issued during the month	223
Number of orders complied with during the month	177
Number of food tiendas in districts	967
Number orders awaiting action	125
Number orders pending court	30
Number in visiting each street and barrio during the month	655
Number of cholera cases by sanitary inspectors	11
Number of cholera cases reported by advisory board	20
Number of cholera cases found alive	14
Number of cholera cases found dead	16
Number of persons convicted for violation of food prohibition order	41
Number of regular inspectors on duty	60
Plates with rat bane placed	
Rats caught by rat catchers	92
Rats caught by traps	157
Rats caught by poison	
Rat catchers employed	58

Cholera Report, Manila, from December 1, to December 31, 1902, Inclusive.

Date.	Number of cases.										Totals.			
	Filipinos.		Chinese.		Americans.		Europeans		Others.		Cases.		Deaths.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
December 1	1	2									1	2	2	1
December 2	1	1									1	1	1	
December 3	1										1			2
December 4	1	1									1	1		
December 5	1		1								2		1	
December 6	1										1			
December 7 to 8	3						1				4		4	
December 9	2										2			
December 10		1										1	1	1
December 11 to 12		1										1		1
December 13	1										1			
December 14 to 15	2	1									2	1	3	
December 16	1										1			1
December 17		1										1		1
December 18	1	1									1	1		
December 19	1	1									1	1		
December 20	1										1			
December 21 to 22	2										2		2	
December 23	1										1			1
December 24 to 25	2	1									2	1	1	1
December 26					1						1			
December 27 to 29	1										1		1	
December 30													1	
Total	24	11	1		1		1				27	11	17	9

Per cent, 68.42. Three of above were transients.

Report of Cholera Occurring in Provincial Towns in the Philippine Islands from December 1, to December 31, 1902, Inclusive.

Place.	Province.	Cases.	Deaths.	Place.	Province.	Cases.	Deaths.
San Mateo	Rizal	9	6	Borongan	Samar	11	7
Mariquina	do	11	5	Surigao	Surigao	166	74
Bocolor	Pampanga	4	4	Guiguaquit	do	0	5
Mabalacad	do	2	2	Sigaquil	do	8	7
San Fernando	do	9	7	Iloilo	Iloilo	5	1
Santa Rita	do	5	12	Pototan	do	2	2
Porac	do	5	3	San Jose	Antique	46	38
Mexico	do	5	5	Panay	do	1	0
Betis	do	19	13	Sibalong	do	13	6
Magalang	do	3	3	Bugason	do	5	3
San Miguel	do	7	5	Egaña	do	9	9
Santa Ana	do	1	1	Pandan	do	12	11
Arayat	do	16	9	San Pedro	do	8	8
Guagua	do	4	4	Dao	do	12	9
Macabebe	do	25	26	Dao and Aniniy	do	17	17
Angeles	do	1	1	San Joaquin	do	8	8
Malolos	Bulacan	4	2	San Remigio	do	20	8
Bigaa	do	3	4	Aniniy	do	28	21
Marilao	do	1	1	Dumaguete	Oriental Negros	12	15
Gapang	Nueva Ecija	1	1	Tanjay	do	63	55
San Isidro	do	22	18	Tayasan	do	7	4
Jaen	do	10	8	Bacong	do	99	74
San Leonardo	do	7	7	Zambanguita	do	43	34
Peñaranda	do	2	2	Ayuquitan	do	56	68
Candelaria	Zambales	1	1	Bais	do	20	34
Balincaguin	do	3	3	Sibulan	do	23	16
Bani	do	114	80	Nueva Valencia	do	9	9
Alaminos	do	30	18	Amblan	do	26	25
Bolinao	do	6	3	Ormoc	do	2	2
Masbate	Masbate	94	62	Danon	do	20	30
Palanas	do	69	41	Escalante	do	40	17
Tagbilaran	Bohol	178	125	Sibua	Misamis	8	9
Cebu	Cebu	9	7	La Carlota	Occidental Negros	2	2
Barili	do	3	3	Escalante	do	4	0
Carcar	do	3	2	Cagayan	Misamis	4	2
Balanban	do	3	3	San Salvador	do	10	6
Capiz	Capiz	189	139	Oroquieta	do	1	0
Maayon	do	4	3	Iponan	do	12	9
Dao	do	30	19	Santa Ana	do	17	4
Sigma	do	21	10	Opol	do	31	12
Duma	do	40	18	Iligan	do	87	35
Balete	do	10	10	Agusan	do	5	5
Panay	do	69	53	Tagoloan	do	15	5
Bonga	do	23	38	Tanauan	Leyte	1	1
Pontevedra	do	21	11	Dulag	do	2	0
Ponta	do	2	2	Santa Rita	do	1	1
Jimenez	do	15	13	Tacloban	do	2	1
Pilar	do	4	0	Ormoc	do	2	3
Cauayan	do	12	7	Isabela	Basilan	0	3
Lapaz	do	5	2	Sorsogon	Sorsogon	67	21
Panitan	do	3	1	Daet	Camarines	18	9
Zamboanga	Zamboanga	152	93	Nueva Caceres	do	9	8
Caruan	do	66	32	Bayambang	Pangasinan	19	16
Tauini	Jolo	1	1	Laoag	Ilocos Norte	12	17
Calbayog	Samar	2	1				
				Total		2,478	1,786

Per cent, 70.05

Summary of the Number of Cases and Deaths from Cholera in the City of Manila from the 21st of March, 1902, to the 31st of December, Inclusive.

Months.	Cases.					Deaths.					Per cent.
	Filipinos.	Chinese.	Americans.	Europeans.	Total.	Filipinos.	Chinese.	Americans.	Europeans.	Total.	
March 21 to 31	133	5		1	139	55	5		1	61	.44
April 1 to 30	469	57	11	9	546	345	30	6	4	385	.70
May 1 to 2, 16 to 31	243	27	8	3	281	382	48	13	2	445	
June 1 to 30	521	28	13	9	571	464	15	9	1	489	.85
July 1 to 31	1,241	73	44	28	1,386	961	70	22	13	1,066	.76
August 1 to 31	584	74	37	22	717	481	74	19	13	587	.81
September 1 to 30	251	24	15	6	296	162	19	4	4	189	.63
October 1 to 31	66	11	5	3	85	47	8	1	3	59	.69
November 1 to 30	301	17	13	10	341	225	21	6	4	256	.75
December 1 to 31	35	1	1	1	38	22	1			23	.60
Total	3,844	317	147	92	4,400	3,144	291	80	45	3,560	.80

In addition to the above 91 transients in Manila between March and January.

Station A. Monthly Sanitary Report, Harbor and River, December 31, 1902.

Number of cascos, ships and other crafts inspected	5,246
Cholera cases found on ships and other crafts	1
Cholera cases found alive	0
Cholera cases found dead	1
Dead bodies found on river and harbor	1
Cascos etc., disinfected	1
Cascos etc., quarantined	0
Smallpox cases found on ships and other crafts	1

Report on Vaccination, City of Manila, During the Month of December, 1902.

	Children.			Adults.			Totals.			Grand totals.
	Filipinos.	Chinese.	Americans and foreigners.	Filipinos.	Chinese.	Americans and foreigners.	Filipinos.	Chinese.	Americans and foreigners.	
Walled City	171			404	35	34	575	35	34	644
Binondo	214	8		376	499	4	590	507	4	1,101
San Nicolas	206			417	144	2	623	144	2	769
Tondo	238			175	120	6	413	120	6	539
Santa Cruz	304			213	141		517	141		658
Quiapo	97			179	166	24	276	166	24	466
San Miguel	166			205	178		371	178		549
Sampaloc	169			345	6	1	514	6	1	521
Paco	214			2,533	1	8	2,747	1	8	2,756
Ermita	126			168	15	1	294	15	1	310
Malate	117			159	18	1	276	18	1	295
Pandacan										
Santa Ana										
Total										8,608

RECAPITULATION.

Children	2,030
Adults	6,578
Total	8,608
Filipinos	7,196
Chinese	1,331
Americans and foreigners	81
Total	8,608

Vaccine Virus Issued During Month Ending December 31, 1902.

Vaccine Institute, SATURNINO ESPEJO, Director.

	Units.
Army	5,110
Navy	
Inhabitants of the Philippine Archipelago (excluding Manila)	59,700
Amount of vaccine virus sold to the public	570
Amount of vaccine virus used by public vaccinator	16,300
Total	81,680

Report of Sick and Wounded City Poor Attended by Municipal Physicians During the Month of December, 1092.

		Sex.		Children and young.		Nationality. Filipinos.		Chinese.		Foreigners.		Americans.		Total.	Cured.		Deaths.		Number of visits.
		M.	F.	Boys.	Girls.	M.	F.	M.	F.	M.	F.	M.	F.		M.	F.	M.	F.	
R. Perramon	Walled City	19	26	2	8	18	26					1		45	9	14	2	5	179
	Concepcion	5	11	3	5	5	11							16	3	3		2	68
	San Miguel	10	6	2	3	10	6							16	4	2	4	2	39
C. Mora	Paco	20	17	8	7	20	17							37	5	4	10	7	126
	Ermita	4	1			4	1							5			2		17
	Malate	11	8	4	2	11	8							19	5	3	3	4	70
C. Reyes	Quiapo	5	4		1	4	4	1						9	3	1		1	50
	Santa Cruz	10	12	3	1	10	12							22	7	4			134
F. Castañeda	Sampaloc	42	47	16	7	42	47							89	17	24	11	8	251
S. V. del Rosario	Binondo																		
V. Pantoja	Tondo	4	10	1	1	4	10							14	3	4	1	3	54
V. Cavanna	San Nicolas	12	10	2	2	12	10							22	5	3	4	3	131
C. Victorino	Pandacan	9	3	3		9	3							12	2	3	2	1	36
	Santa Ana	4	7			4	7							11	4	4		2	42
Total		155	162	44	37	153	162	1				1		317	67	69	39	38	1,197

Report from the Bureau of Government Laboratories, December, 1902.

Analyses.

Fruit pulp juice	1
Urines	43
Copper rings	1
Silver dollars	2
Extr. Logwood	1
Poison	1
Coated iron pipe	2
Paints	3
Disinfectants	2
Total	59

Clinical Examinations.

	Pos.	Neg.	Total.
Sputa for tuberculosis	7	28	35
Smears for gonococci	8	6	14
Feces:		73	93
Amœbae dysenteriæ	9		
Monads	9		
Ova trichocephalus dispar	5		
Ova uncinaria duodenale	3		
Ova ascaris lumbricoides	2		
Blood counts			14
Malarial parasites	6	15	21
Tertian	2		
Aestivo-autumnal	4		
Blood for reactions	0	2	2
Blood for surra	8	57	65
Horses for pseudo-farcy	3	0	3
Microscopical examinations of urine			24
Microscopical examinations of rats for plague		43	43
Necropsies			5
Total			319

Reports Received of Lepers Living in the Various Provinces of the Philippine Islands, to December 31, 1902.

Province.	Number of men.	Number of women.	Children and young.		Single.		Married.		Widower.	Widow.	Race.	Total.
			M.	F.	M.	F.	M.	F.				
Antique	92	37	2	2	38	28	42	4	12	5	Filipinos	133
Batangas	19	5			12	3	3	3	3		do	24
Bataan	10	4	1	1	5		3	2	2	2	do	16
Benguet	31	10	1	1	1		21	10	9		Igorrotes	43
Ambos Camarines	33	17	1	1	24	12	8	5	1		Filipinos	52
Bulacan	17	9	2	1	12	6	5	3			do	29
Ilocos Norte	45	28	5	2	9	10	31	8	5	10	do	80
Ilocos Sur	176	84	4	2	101	50	66	17	14	12	do	266
Leyte	49	38	1	3	26	27	20	7	3	4	do	91
Masbate	51	35	25	10	22	15	23	19	2	5	do	121
Cagayan	46	30		3	20	10	20	19	6	1	do	79
Lepanto	14	4	1		5	1	8		1	3	do	19
Cavite	17	5		3	16	3	1			2	do	25
Nueva Ecija	44	24			19	12	22	8	2	5	do	68
Negros Occidental	26	11	5	1	17	10	8	1	1		do	43
Pampanga	8	5	2		3	1	5	3	1		do	15
Pangasinan	120	80	2	3	36	28	65	38	19	14	do	205
Rizal	41	24	2		19	12	21	7	3	3	do	67
Marinduque	1	1	1			1	1				do	3
Laguna	1						1				do	1
San Lazaro	112	60	2	2	83	36	27	20	2	4	do	176
Tarlac	27	24	11	4	7	9	17	11	2	5	do	66
Sorsogon	75	33	1	1	33	17	40	10	3	5	do	110
Romblon	5	10			3	6	2	3	1		do	15
Samar	39	32	13	8	17	9	21	18	3	3	do	92
Union	43	28	3		15	14	24	12	4	2	do	74
Zambales	58	35	2		30	15	26	13	4	5	do	95
Mindanao	140	74	3	3	84	46	45	18	9	12	Moros	220
Cebú	171	89	5	4	136	64	33	21	3	3	Filipinos	269
Iloilo	231	66	11	2	113	37	94	9	24	20	do	310
Negros Oriental	66	42	6	2	27	23	32	14	7	5	do	116
Isabela de Luzon	18	4	1		3	1	10	3	5		do	23
Tayabas	1								1		do	1
Albay	68	33	1	1	30	18	27	10	11	5	do	103
Nueva Vizcaya	13	12	2		7	3	4	6	2	3	do	27
Abra	11	6			5	4	5	2	1		do	17
Bohol	46	46	5	1	20	19	27	17	3	6	do	98
Capiz	44	33	19	9	26	24	12	12	1	1	do	105
Total	2,009	1,078	140	70	1,024	574	821	353	169	146		3,297

Philippine Weather Bureau—Manila Central Observatory. Bulletin for December, 1902. Data Deduced from Hourly Observations.

Date.	Barometer.[1] Mean.		Temperature. Mean.		Temperature. Maximum.		Temperature. Minimum.		Relative humidity, mean.	Wind. Prevailing direction.	Wind. Total daily motion.		Wind. Maximum. Force.		Wind. Maximum. Direction.	Sunshine.	Rainfall.	
	Inch.	*mm.*	°*C.*	°*F.*	°*C.*	°*F.*	°*C.*	°*F.*	*Per ct.*		*Km.*	*Miles.*	*Km.*	*Miles.*		*H. m.*	*Inch.*	*mm.*
1	29.982	761.52	25.9	78.6	31.6	88.9	20.6	69.0	75.4	NE.	105	65	8	5	E.	4 25		
2	29.974	61.33	26.0	78.8	29.9	85.8	21.4	70.6	82.3	Variable.	126	78	14	9	WNW.	4 20	0.063	1.6
3	29.941	60.48	26.8	80.2	31.5	88.7	22.1	71.8	78.9	Variable.	145	90	12	7	W.	7 00		
4	29.924	60.06	26.2	79.2	32.2	90.0	22.2	72.0	85.1	Variable.	137	85	14	9	N.	4 05	0.232	5.9
5	29.911	59.73	26.5	79.7	31.2	88.1	22.1	71.7	82.0	NE.	153	95	20	12	E.	6 15		
6	29.909	59.67	26.2	79.2	32.2	89.9	21.2	70.2	73.5	E.	194	121	19	12	ESE.	8 50		
7	29.898	59.40	25.9	78.6	30.1	86.1	20.1	68.1	80.4	WSW.	133	83	16	10	W.	7 10		
8	29.873	58.76	26.3	79.3	30.2	86.4	21.5	70.7	82.6	WSW-N.	168	104	16	10	W.	7 20		
9	29.854	58.27	26.2	79.2	32.1	89.7	20.4	68.8	79.0	E., ESE.	180	112	18	11	WSW.	8 40		
10	29.862	58.48	26.1	79.0	30.2	86.3	20.0	68.0	80.5	W.	152	94	14	9	W.	7 10		
11	29.886	59.10	26.0	78.8	30.2	86.3	20.9	69.6	84.4	Variable.	125	78	12	7	W.	4 15		
12	29.895	59.33	27.0	80.6	33.1	91.5	22.4	72.3	77.4	SE.	190	118	18	11	SE.	7 40		
13	29.914	59.81	26.1	79.0	31.3	88.4	19.2	66.6	79.0	SW.	142	88	18	11	NNE.	9 20		
14	29.903	59.53	25.3	77.5	28.7	83.7	19.9	67.8	83.4	NE.	165	103	16	10	NNE.	3 50		
15	29.894	59.30	26.0	78.8	30.4	86.8	19.9	67.8	78.0	NE.	169	105	16	10	WNW.	9 00		
16	29.899	59.43	25.7	78.3	30.2	86.3	19.5	67.1	80.6	WSW.	152	94	15	9	WNW.	8 30		
17	29.948	60.68	26.0	78.8	32.1	89.7	20.2	68.4	76.8	ESE.	184	114	18	11	ENE.	8 30		
18	29.957	60.90	25.9	78.6	31.3	88.3	20.2	68.4	78.4	NE.	138	86	10	6	NE.	5 00		
19	29.943	60.55	25.7	78.3	29.9	85.8	21.3	70.4	83.2	NE., ESE.	150	93	12	7	W. by S.	4 25	0.024	0.6
20	29.912	59.76	25.6	78.1	30.3	86.6	21.4	70.5	85.9	NE-ESE.	154	96	14	9	NW.	5 50	0.197	5.0
21	29.917	59.88	25.8	78.4	31.7	89.0	20.3	68.5	81.5	ESE.	208	129	24	15	SE.	7 30		
22	29.956	60.89	25.5	77.9	30.7	87.2	18.7	65.7	75.1	ESE.	170	106	16	10	WNW.	8 45		
23	29.969	61.20	25.6	78.1	30.4	86.8	19.4	66.9	73.6	NE.	180	112	16	10	E.	7 45		
24	29.924	60.04	25.2	77.4	30.9	87.6	19.9	67.8	74.7	SE.	224	139	24	15	SE.	8 00		
25	29.952	60.78	25.3	77.5	31.7	89.0	17.7	63.9	74.0	SE.	192	119	19	12	SE.	9 15		
26	30.008	62.20	25.4	77.7	30.1	86.2	20.3	68.5	82.0	NE.	140	87	14	9	WSW.	5 10	0.201	5.1
27	30.018	62.45	25.8	78.4	30.9	87.7	20.2	68.3	78.7	Variable.	172	107	24	15	N.	6 45	0.024	0.6
28	30.014	62.36	24.0	75.2	25.7	78.3	21.5	70.7	91.8	NE.	250	155	22	14	ENE.	0 00	1.024	26.0
29	30.020	62.50	23.9	75.0	27.1	80.8	20.9	69.6	94.2	NNE.	183	114	17	11	ESE.	1 45	0.504	12.8
30	30.033	62.83	25.5	77.9	29.7	85.5	19.8	67.7	84.5	WNW.	144	89	16	10	WNW.	9 05		
31	30.060	63.49	25.7	78.3	30.4	86.8	20.6	69.1	81.4	ESE.	200	124	19	12	SE.	9 15		
Mean	29.940	760.47	25.8	78.4	30.6	87.0	20.5	68.9	80.6		165.3	102.7	16.5	10.3		6 36		
Total											5,125	3,183				204 50	2.269	57.6

[1] Corrected for instrumental error and for temperature, and reduced to sea level. Correction to standard gravity, —1.72mm (—0.068 inch).

UNIV. OF MICH.
MAY 12 1903

MONTHLY REPORT

OF THE

Board of Health for the Philippine Islands

AND

CITY OF MANILA.

JANUARY, 1903.

TO THE HON. DEAN C. WORCESTER, SECRETARY OF THE INTERIOR.

BOARD OF HEALTH.

E. C. CARTER, M. D.,
Major-Surgeon, U. S. Army.
Commissioner of Public Health.

T. R. MARSHALL, M. D.,
Captain-Asst. Surgeon, U. S. Vols.,
Chief Health Inspector.

H. D. OSGOOD, B. S.,
Sanitary Engineer.

P. C. FREER, M. D., Ph. D.,
Superintendent of Government Laboratories.

MANUEL GOMEZ MARTINEZ, M. D.,
Secretary.

MANILA:
BUREAU OF PUBLIC PRINTING.
1903.

4102

LETTER OF TRANSMITTAL.

DEPARTMENT OF THE INTERIOR,
BUREAU OF PUBLIC HEALTH FOR PHILIPPINES,
OFFICE OF THE COMMISSIONER,
Manila, February 16, 1903.

SIR: I have the honor to submit herewith the report of the Board of Health for the Philippine Islands and the City of Manila for the month of January, 1903.

Very respectfully,

E. C. CARTER,
Commissioner of Public Health.

To the Honorable SECRETARY OF THE INTERIOR,
Manila, P. I.

Report of Cholera Occurring in Provincial Towns in the Philippine Islands from January 1, to January 31, 1903.

Place.	Province.	Cases.	Deaths.
San Mateo	Rizal	1	0
Macabebe	Pampanga	0	2
Santa Rita	do	0	1
Magalang	do	1	1
Betis	do	1	1
Total		3	5
San Isidro	Nueva Ecija	10	6
San Leonardo	do	18	15
Peñaranda	do	30	16
Gapang	do	5	3
San Antonio	do	1	1
Total		64	41
Talisay	Batangas	1	1
Calaca	do	1	1
Total		2	2
Nueva Cáceres	Camarines	11	9
Iriga	do	24	16
Baao	do	2	2
Nabua	do	49	35
Daet	do	9	6
Total		95	68
Guinobatan	Albay	260	190
Sorsogon	Sorsogon	2	2
Calbayog	Samar	1	1
San Remigio	Antique	75	32
Pandan	do	17	16
Bugason	do	16	10
Guisijan	do	20	7
Lanatan	do	1	1
Barbasa	do	2	2
Patnongon	do	13	15
San José	do	14	14
Culasi	do	14	14
Total		172	111
Iloilo	Iloilo	1	0
Tagbilaran	Bohol	48	65
Zamboanga	Zamboanga	58	21
Bani	Zambales	15	9
Alaminos	do	82	53
Balancaguin	do	21	13
Total		118	75
Tacloban	Leyte	1	0
Maasin	do	0	1
Ormoc	do	9	10
Baybay	do	21	19
Total		31	30
Capiz	Capiz	58	40
Pilar	do	12	11
Sigma	do	28	23
Alotayan	do	1	1
Panay	do	167	162
Pontevedra	do	49	41
Jimenez	do	20	18
Inisan	do	29	25
Mayon	do	25	23
Dao	do	4	7
Balete	do	10	4
Casanayan	do	7	5
Tangalan	do	23	11
Total		433	366
Oroquieta	Misamis	97	59
Iligan	do	55	20
Initao	do	2	1
Cagayan	do	7	3
Langaran	do	0	6
Tagaloan	do	2	1
Jasaan	do	50	18
Narves	do	1	1
Nabua	do	4	3
Balingasag	do	5	4
Misamis	do	49	21
Total		272	137
Tanjay	Occidental Negros	1	1
Bais	do	3	3
Nueva Valencia	do	1	1
Ayuquitan	do	3	3
Bacong	do	7	7
Zamboanguita	do	1	1
Dauin	do	4	4
Amblan	do	9	9
Total		29	29
Guihungan	Occidental Negros	1	1
Surigao	Surigao	19	9
Milagros	Masbate	7	7
Baleno	do	10	7
Total		17	14
Danao	Cebu	13	7
Barili	do	23	6
Total		36	13
Grand total		1,662	1,180
Per cent			70.99

Percentage of Deaths by Provinces.

	Per cent.
Nueva Ecija	64.06
Camarines	71.57
Albay	73.07
Antique	64.53
Bohol	73.84
Zamboanga	36.20
Zambales	63.55
Leyte	96.77
Capiz	48.52
Misamis	50.36
Surigao	47.15
Masbate	82.35
Cebu	36.11

Population of Manila.

Filipinos	223,900
Chinese	60,680
Foreigners	7,852
Americans	9,722
Total	302,154

Deaths Occurring During the Month of January.

Filipinos	554
Chinese	37
Foreigners	6
Americans	5
Total	602

Annual Death Rate per Thousand for the Month.

Filipinos	29.15
Chinese	7.18
Foreigners	9.00
Americans	6.05
Average	23.46

Births Reported in January.

Filipinos	140
Chinese	1
Foreigners	0
Americans	3
Total	144

Annual Birth Rate per Thousand for the Month.

Filipinos	7.36
Chinese	0.19
Foreigners	0
Americans	4.50
Average	5.61

Summary of Statistics of Births and Deaths.

Population, census estimated, Health Department	302,154
Mortality for the month of January	602
Annual death rate per 1,000 for month of January	23.46
*Births reported	144
Annual birth rate (based on reports)	5.61

*Incomplete.

Deaths by Age.

Under 30 days	59
30 days to 1 year	260
1 year to 2 years	26
2 years to 5 years	16
5 years to 10 years	10
10 years to 15 years	7
15 years to 20 years	8
20 years to 25 years	23
25 years to 30 years	31
30 years to 40 years	55
40 years to 50 years	40
50 years to 60 years	38
60 years to 70 years	32
70 years to 80 years	18
80 years to 90 years	6
90 years to 100 years	2
100 years to 110 years	3
100 years to 120 years	0
Unknown	1
Total	635

Stillbirths, 16. Of the grand total of deaths, 33 were those of transients, while 602 were permanent residents of Manila.

Deaths by Districts.

Walled City	37
Binondo	33
San Nicolas	55
Tondo	138
Santa Cruz	123
Quiapo	41
Sampaloc	59
San Miguel	22
Paco	42
Ermita	7
Malate	19
Pandacan	14
Transient residents	33
Santa Ana	11
Unknown	1
Total	635

In addition to the above there were 16 stillbirths.

Number of deaths with medical attendance	328
Number of deaths without medical attendance	307
Total	635

A Classified Report of all Deaths Occurring in Manila During the Month of January, 1903.

Males.

Married	52
Widower	4
Single	80
Boys	201
Condition not stated in certificate	6
Total	343

Females.

Married	58
Widows	29
Single	33
Girls	171
Condition not stated in certificate	1
Stillbirths	16
Total	308
Grand Total	651

Including 33 transients in Manila.

CAUSES OF DEATHS FOR THE MONTH OF JANUARY, 1903.

(STILLBIRTHS NOT INCLUDED.)

	NOMENCLATURE DESIGNED FOR THE STATISTICS OF DEATH.	NOMENCLATURA PARA LAS ESTADÍSTICAS DE DEFUNCIONES.	Americans.		Europeans.		Filipinos.		Chinese.		Total.
			M.	F.	M.	F.	M.	F.	M.	F.	
	I.	**I.**									
	General Diseases.	**Enfermedades Generales.**									
1	Typhoid fever (abdominal typhus)	Fiebre tifoidea			1	1	3	1	2		8
2	Exanthematic typhus	Tifus exantemático									
3	Recurrent fever	Fiebre recurrente									
4	Intermittent fever, and malarial cachexia	Fiebre intermitente					4	7	2		13
4a	Malarial cachexia	Caquexia palúdica					6	3			9
5	Variola	Viruelas									
6	Measles	Sarampión									
7	Scarlatina	Escarlatina									
8	Whooping cough	Tos ferina						1			1
9	Diphtheria and croup	Difteria y crup									
9a	Diphtheria	Difteria									
10	Grippe	Gripe									
11	Miliary fever	Fiebre miliar									
12	Asiatic cholera	Cólera asiático					2		2		4
13	Cholera, nostras	Cólera nostras									
14	Dysentery	Disenteria					5	3	1		9
14a	Epidemic dysentery	Disenteria epidémica									
15	Plague	Peste					1				1
16	Yellow fever	Fiebre amarilla									
17	Leprosy	Lepra									
18	Erysipelas	Erisipelas									
19	Other epidemic affections (beri-beri)	Otras afecciones epidemicas (beri-beri)					6	16	5		27
20	Purulent infection and septicemia	Infección purulenta y septicemia					1	2			3
21	Glanders and farcy	Muermo y lamparones									
22	Malignant pustule and anthrax	Pústula maligna y antrax									
23	Rabies	Rabia									
24	Actinomycosis, trichinosis, etc	Actinomicosis, trichinosis, etc									
25	Pellagra	Pelagra									
26	Tuberculosis of larynx	Tuberculosis de la laringe									
27	Tuberculosis of lungs	Tuberculosis del pulmón	1		3		25	25	7		61
28	Tuberculosis of meninges	Tuberculosis de las meninges					1				1
29	Tuberculosis of abdomen	Tuberculosis abdominal					2	3			5
30	Pott's disease	Mal de Pott									
31	Cold abscess and abscess by congestion	Abscesos fríos y por congestión									
32	White swellings	Tumores blancos									
33	Tuberculosis of other organs	Tuberculosis de otros órganos									
34	Generalized tuberculosis	Tuberculosis generalizada									
35	Scrofula	Escrófula					1				1
36	Syphilis	Sífilis									
37	Gonorrhea of the adult	Blenorragia en los adultos									
38	Gonococcic infections of children	Afecciones gonocócicas en los niños									
39	Cancer and other malignant tumors of the bucal cavity.	Cáncer ú otros tumores malignos en la cavidad bucal									
40	Cancer and other malignant tumors of the stomach and liver.	Cáncer ú otros tumores malignos del estómago é hígado.									
41	Cancer and other malignant tumors of peritoneum, intestines and rectum	Cáncer ú otros tumores malignos del peritoneo, intestinos y recto.									
42	Cancer and other malignant tumors of the female genitals.	Cáncer ú otros tumores malignos de los órganos genitales de la mujer.						1			1
43	Cancer and other malignant tumors of the breast	Cáncer ú otros tumores malignos de la mama									
44	Cancer and other malignant tumors of the skin	Cáncer ú otros tumores malignos de la piel									
45	Cancer and other malignant tumors of other organs and organs not specified.	Cáncer ú otros tumores malignos en otros órganos									
46	Other tumors (tumors of the female genitals excepted)	Otros tumores (exceptuándose los de los órganos genitales de la mujer).									
47	Acute articular rheumatism	Reumatismo articular agudo									
48	Chronic rheumatism, and gout	Reumatismo crónico y gota						2			2
49	Scurvy	Escorbuto									
50	Diabetes	Diabetes									
51	Exophthalmic goiter	Bocio exoftálmico									
52	Addisson's disease	Enfermedad bronceada de Addison									
53	Leukæmia	Leucemia									
54	Anæmia, chlorosis	Anemia, clorosis					2				2
55	Other general diseases	Otras enfermedades generales									
56	Acute alcoholism or chronic	Alcoholismo agudo ó crónico	2								2
57	Lead-poisoning	Saturnismo									
58	Other poisonings incident to occupations	Otras intoxicaciones profesionales crónicas.									
59	Other chronic poisonings	Otros envenenamientos crónicos							1		1
	II.	**II.**									
	Diseases of the Nervous System and the Organs of Special Sense.	**Enfermedades del Sistema Nervioso y de los Organos de los Sentidos.**									
60	Encephalitis	Encefalitis					1	1			2
61	Simple meningitis	Meningitis simple					5	10	2		17
61a	Epidemic cerebro-spinal meningitis	Meningitis cérebro-espinal epidémica									
62	Progressive locomotor ataxia	Ataxia locomotriz progresiva									
63	Other diseases of the spinal cord	Otras enfermedades de la médula espinal									
64	Cerebral congestion and hemorrhage	Congestión y hemorragia cerebrales					5	5	1		11
65	Cerebral softening	Reblandecimiento cerebral					1	2			3
66	Paralysis without apparent cause	Parálisis sin indicación de causa									
67	General paralysis	Parálisis generales					2	1			3

	NOMENCLATURE DESIGNED FOR THE STATISTICS OF DEATH.	NOMENCLATURA PARA LAS ESTADÍSTICAS DE DEFUNCIONES.	Americans.		Europeans.		Filipinos.		Chinese.		Total.
			M.	F.	M.	F.	M.	F.	M.	F.	
	II. Diseases of the Nervous System and the Organs of Special Sense—Cont'd.	**II.—Enfermedades del Sistema Nervioso y de los Organos de los Sentidos—Cont'd.**									
68	Other forms of insanity	Otras formas de alienación mental									
69	Epilepsy	Epilepsia							1		1
70	Eclampsia (nonpuerperal)	Eclampsia (no puerperal)					24	31			55
71	Convulsions of children	Convulsiones en los niños					110	71			181
72	Tetanus	Tétano					2	4			6
73	Chorea	Corea									
74	Other diseases of the nervous system	Otras enfermedades del sistema nervioso					1	2			3
75	Diseases of the eye and its adnexa	Enfermedades de ojos y sus anexos									
76	Diseases of the ear	Enfermedades de los oídos									
	III.	**III.**									
	Diseases of the Circulatory System.	**Enfermedades del Aparato Circulatorio.**									
77	Pericarditis	Pericarditis									
78	Acute endocarditis	Endocarditis aguda					3	2			5
79	Organic disease of the heart	Enfermedades orgánicas del corazón						4	2		6
80	Angina pectoris	Angina de pecho					3	5			8
81	Affections of the arteries (atheroma, aneurism, etc.)	Afecciones de las arterias, etc					1	3			4
82	Embolus and thrombosis	Embolia y trombosis						1			1
83	Affections of the veins (varices, hemorrhoides, phlebitis).	Afecciones de las venas									
84	Affections of the lymphatic system (lymphangitis, etc.).	Afecciones del sistema linfático									
85	Hemorrhages	Hemorragias									
86	Other affections of the circulatory system	Otras afecciones del aparato circulatorio									
	IV.	**IV.**									
	Diseases of the Respiratory System.	**Enfermedades del Aparato Respiratorio.**									
87	Diseases of the nasal fossæ	Enfermedades de las fosas nasales					1				1
88	Affections of the larynx	Afecciones de la laringe					1	6			7
89	Affections of the thyroid body	Afecciones del cuerpo tiroideo									
90	Acute bronchitis	Bronquitis aguda					11	18	1	1	31
91	Chronic bronchitis	Bronquitis crónica					11	7			18
92	Broncho-pneumonia	Bronco-pneumonia						3			3
93	Pneumonia	Pneumonia					1	3			4
94	Pleurisy	Pleuresía					1				1
95	Pulmonary congestion and apoplexy	Congestion y apoplegía pulmonares									
96	Gangrene of the lungs	Gangrena del pulmón									
97	Asthma	Asma									
98	Pulmonary emphysema	Enfisema pulmonar			1		1				2
99	Other diseases of the respiratory system (phthisis excepted).	Otras enfermedades del aparato respiratorio (exceptuándose la tísis).									
	V.	**V.**									
	Diseases of Digestive System.	**Enfermedades del Aparato Digestivo.**									
100	Affections of the mouth and its adnexa	Afecciones de la boca y de sus anexos									
101	Affections of the pharynx	Afecciones de la faringe					1				1
102	Affections of the esophagus	Afecciones del esófago									
103	Ulcer of the stomach	Ulcera del estómago									
104	Other affections of the stomach (cancer excepted)	Otras afecciones del estómago (exceptuándose el cáncer).					3	3			6
105	Diarrhea and enteritis (under two years)	Diarrea y enteritis (en niños menores de 2 años)	1					1			2
105a	Chronic diarrhea and enteritis	Diarrea y enteritis crónica					7	6			13
106	Diarrhea and enteritis (two years and over)	Diarrea y enteritis (en niños de 2 ó más años)									
107	Intestinal parasites	Parásitos intestinales									
108	Hernias; intestinal obstructions	Hernias; obstrucciones intestinales						2			2
109	Other affections of the intestines	Otras afecciones del intestino									
110	Acute yellow atrophy of the liver	Ictericia grave									
111	Hydatid tumors of the liver	Tumores hidátidicos del hígado									
112	Cirrhosis of the liver	Cirrosis del hígado					1		2		3
113	Biliary calculi	Cálculos biliares									
114	Other affections of the liver	Otras afecciones del hígado					1				1
115	Affections of the spleen	Afecciones del bazo									
116	Simple peritonitis (puerperal excepted)	Peritonitis simple (exceptuándose la puerperal)									
117	Other affections of the digestive system (cancer and tuberculosis excepted).	Otras afecciones del aparato digestivo (exceptuándose el cáncer y tuberculosis).									
118	Appendicitis and abscess of the iliac fossa	Apendicitis y flemón de la fosa iliaca									
	VI.	**VI.**									
	Diseases of the Genito-Urinary System and its Adnexa.	**Enfermedades del Aparato Génito Urinario y de sus Anexos.**									
119	Acute nephritis	Nefritis aguda					1				1
120	Bright's disease	Mal de Bright					2	2	1	1	6
121	Other diseases of the kidneys and their adnexa	Otras enfermedades de los riñones y de sus anexos									
122	Calculi of the urinary tract	Cálculos de las vías urinarias									
123	Diseases of the bladder	Enfermedades de la vegiga					1				1
124	Diseases of the urethra, urinary abscess, etc	Enfermedades de la uretra									
125	Diseases of the prostate	Enfermedades de la próstata									
126	Nonvenereal diseases of the male genital organs	Enfermedades no venereas de los órganos genitales del hombre.									
127	Metritis	Metritis									
128	Uterine hemorrhage (nonpuerperal)	Hemorragia uterina (no puerperal)									
129	Tumor, uterine (noncancerous)	Tumor uterino (no canceroso)									
130	Other diseases of the uterus	Otras enfermedades del útero									
131	Cysts and other tumors of the ovary	Quistes y otros tumores del ovario									
132	Other diseases of the female genital organs	Otras enfermedades de los organos genitales de la mujer.									
133	Nonpuerperal diseases of the breast (cancer excepted).	Enfermedades no puerperales de la mama (exceptuándose el cáncer).									

	NOMENCLATURE DESIGNED FOR THE STATISTICS OF DEATH.	NOMENCLATURA PARA LAS ESTADÍSTICAS DE DEFUNCIONES.	Americans. M.	Americans. F.	Europeans. M.	Europeans. F.	Filipinos. M.	Filipinos. F.	Chinese. M.	Chinese. F.	Total.
	VII.	**VII.**									
	The Puerperal State.	**Estado Puerperal.**									
134	Accidents of pregnancy	Accidentes de la preñez									
135	Puerperal hemorrhage	Hemorragia puerperal									
136	Other accidents of labor	Otros accidentes del parto									
137	Puerperal septicæmia	Septicemia puerperal						6			6
138	Albuminuria and puerperal eclampsia	Albuminuria y eclampsia puerperales						3			3
139	Puerperal phlegmasia alba dolens	Flegmasia alba dolens puerperal									
140	Other puerperal accidents—sudden death	Otros accidentes puerperales—muerte repentina									
141	Puerperal diseases of the breast	Enfermedades puerperales de la mama									
	VIII.	**VIII.**									
	Diseases of the Skin and Cellular Tissue.	**Enfermedades de la Piel y del Tejido Celular.**									
142	Gangrene	Gangrena							1		1
143	Furuncle	Forúnculo									
144	Warm-acute abscess	Abscesos calientes agudos									
145	Other diseases of the skin and its adnexa	Otras enfermedades de la piel									
	IX.	**IX.**									
	Diseases of the Organs of Locomotion.	**Enfermedades de los Órganos de la Locomoción.**									
146	Affections of the bones (nontuberculous)	Afecciones de los huesos(exceptuando la tuberculosis)									
147	Diseases of the joints (tuberculosis and rheumatism excepted).	Afecciones de las articulaciones (exceptuando la tuberculosis y el reumatismo).									
148	Amputation	Amputación									
149	Other affections of the organs of locomotion	Otras afecciones de los órganos de la locomoción									
	X.	**X.**									
	Malformations.	**Vicios de Conformación.**									
150	Congenital malformations (stillbirths excepted)	Vicios de conformación congénitos (exceptuándose los de niños nacidos muertos).					3				3
	XI.	**XI.**									
	Early Infancy.	**Primera Infancia.**									
151	Congenital debility icterus and sclerema	Debilidad congénita, ictericia y esclerema					4	1			5
152	Other special diseases of early infancy	Otras enfermedades especiales de la primera edad					1				1
153	Lack of care	Falta de cuidados									
	XII.	**XII.**									
	Old Age.	**Vejez.**									
154	Senile debility	Debilidad senil						8	2		10
	XIII.	**XIII.**									
	Affections Produced by External Causes.	**Afecciones Producidas por Causas Exteriores.**									
155	Suicide by poison	Suicidio por envenenamiento									
156	Suicide by asphyxia	Suicidio por asfixia									
157	Suicide by hanging or strangulation	Suicidio por suspensión ó por extrangulación									
158	Suicide by submersion	Suicidio por submersión									
159	Suicide by firearms	Suicidio por armas de fuego									
160	Suicide by cutting instruments	Suicidio por instrumentos cortantes									
161	Suicide by jumping from high place	Suicidio por dejarse caer desde un punto elevado									
162	Suicide by crushing	Suicidio por aplastamiento									
163	Other suicides	Otros suicidios									
164	Fractures	Fracturas							1		1
165	Dislocations	Luxaciones									
166	Other accidental traumatisms	Otros traumatismos accidentales					2				2
167	Burns	Quemaduras por el fuego									
168	Burning by corrosive substances	Quemaduras por substancias corrosivas									
169	Insolation	Insolación									
170	Freezing	Congelación									
171	Electrical shocks	Commoción eléctrica									
172	Accidental submersion	Submersión accidental	1				1				2
173	Inanition	Inanición					4	1			5
174	Inhalation of deleterious gases (suicide excepted)	Absorción de gases deletéreos									
175	Other acute poisonings	Otros envenenamientos agudos									
176	Other external violence	Otras violencias exteriores									
	XIV.	**XIV.**									
	Ill-defined Diseases.	**Enfermedades mal Definidas.**									
177	Dropsy	Hidropesía									
178	Sudden death	Muerte repentina					2				2
179	Unspecified or ill-defined causes of death	Causas de muerte no especificadas ó mal definidas							1		1
	Total		5		5	1	278	276	35	2	602
	Grand total		5		6		554		37		602

CAUSES OF DEATH FOR JANUARY, 1903.

RACE, SEX, AND AGE.

	Filipinos.				Americans.				Europeans.				Chinese.				Total.				
	Male.		Female.		Male.		Female.		Male.		Female.		Male.		Female.		Male.		Female.		Grand total.
	Under 5 yrs.	5 yrs. and over.	Under 5 yrs.	5 yrs. and over.	Under 5 yrs.	5 yrs. and over.	Under 5 yrs.	5 yrs. and over.	Under 5 yrs.	5 yrs. and over.	Under 5 yrs.	5 yrs. and over.	Under 5 yrs.	5 yrs. and over.	Under 5 yrs.	5 yrs. and over.	Under 5 yrs.	5 yrs. and over.	Under 5 yrs.	5 yrs. and over.	
I. General Diseases.																					
1. Typhoid fever		3		1						1		1		2				6		2	8
4. Intermittent fever	2	2	1	6										2			2	4	1	6	13
4a. Malarial cachexia		6		3														6		3	9
8. Whooping cough			1																1		1
12. Asiatic cholera		2												2				4			4
14. Dysentery	3	2		3										1			3	3		3	9
15. Plague		1																1			1
19. Other epidemic affections (beri-beri)		6		16										5				11		16	27
20. Purulent infection and septicemia		1	2															1	2		3
27. Tuberculosis of lungs	1	24	1	24		1				3				7			1	35	1	24	61
28. Tuberculosis of meninges	1																1				1
29. Tuberculosis abdominal		2	1	2														2	1	2	5
35. Scrofula	1																1				1
42. Cancer and other malignant tumors of the female genitals				1																1	1
43. Chronic rheumatism				2																2	2
54. Anæmia		2																2			2
56. Acute alcoholism						2												2			2
59. Other chronic poisonings														1				1			1
II. Diseases of the Nervous System and the Organs of Special Sense.																					
60. Encephalitis	1			1													1			1	2
61. Meningitis simple	5		7	3										2			5	2	7	3	17
64. Cerebral congestion and hemorrhage	1	4	1	4										1			1	5	1	4	11
65. Cerebral softening		1		2														1		2	3
67. General paralysis		2		1														2		1	3
69. Epilepsy														1				1			1
70. Eclampsia (nonpuerperal)	24		31														24		31		55
71. Convulsions of children	110		71														110		71		181
72. Tetanus	2		4														2		4		6
74. Other diseases of the nervous system		1	2															1	2		3
III. Diseases of the Circulatory System.																					
78. Acute endocarditis	1	2	1	1													1	2	1	1	5
79. Organic diseases of the heart				4										2				2		4	6
80. Angina pectoris		3		5														3		5	8
81. Affections of the arteries (atheroma aneurism, etc.)		1		3														1		3	4
82. Embolus and thrombosis				1																1	1
IV. Diseases of the Respiratory System.																					
88. Affections of the larynx	1		3	3													1		3	3	7
90. Acute bronchitis	10	1	18											1	1		10	2	19		31
91. Chronic bronchitis	11		3	4													11		3	4	18
92. Broncho-pneumonia			2	1															2	1	3
93. Pneumonia		1	1	2														1	1	2	4
94. Pleurisy		1																1			1
97. Asthma		1																1			1
98. Pulmonary emphysema		1								1								2			2
V. Diseases of Digestive Apparatus.																					
101. Affections of the pharynx		1																1			1
104. Other affections of the stomach	2	1	3														2	1	3		6
105. Diarrhea and enteristis (under two years)			1		1												1		1		2
105a. Diarrhea and enteritis chronic	7		3	3													7		3	3	13
108. Hernias, intestinal obstructions			1	1															1	1	2
112. Cirrhosis of the liver		1												2				3			3
114. Other affections of the liver		1																1			1
VI. Diseases of the Genito-Urinary System and its Adnexa.																					
119. Acute nephritis	1																1				1
120. Bright's disease		2	1	1										1		1		3	1	2	6
123. Diseases of the bladder		1																1			1
VII. Puerperal State.																					
137. Puerperal septicæmia				6																6	6
138. Albuminuria and puerperal eclampsia				3																3	3

	Filipinos.				Americans.				Europeans.				Chinese.				Total.				Grand total.
	Male.		Female.		Male.		Female.		Male.		Female.		Male.		Female.		Male.		Female.		
	Under 5 yrs.	5 yrs. and over.	Under 5 yrs.	5 yrs. and over.	Under 5 yrs.	5 yrs. and over.	Under 5 yrs.	5 yrs. and over.	Under 5 yrs.	5 yrs. and over.	Under 5 yrs.	5 yrs. and over.	Under 5 yrs.	5 yrs. and over.	Under 5 yrs.	5 yrs. and over.	Under 5 yrs.	5 yrs. and over.	Under 5 yrs.	5 yrs. and over.	
VIII. Diseases of the Skin and Cellular Tissues.																					
142. Gangrene														1				1			1
X. Malformations.																					
150. Congenital malformations	3																3				3
XI. Early Infancy.																					
151. Congenital debility	4		1														4		1		5
152. Other special diseases of early infancy	1																1				1
XII. Old Age.																					
154. Senile debility				8										2				2		8	10
XIII. Affections Produced by External Causes.																					
164. Fractures														1				1			1
166. Other accidental traumatism		2																2			2
172. Accidental submersion		1					1					1						2			2
173. Inanition	4		1														4		1		5
178. Sudden death	1	1															1	1			2
179. Unspecified or ill-defined causes of death														1				1			1
Total	197	81	161	115	1	4				5		1		35	1	1	198	127	162	115	602

Number of Deaths with Causes Occurring Among Transients in Manila During the Month of January. These Deaths Are not Included in Preparing Death Rate of City.

			Americans.		Foreigners.		Filipinos.		Chinese.		Total.
			M.	F.	M.	F.	M.	F.	M.	F.	
I. General Diseases.		**I. Enfermedades Generales.**									
4	Intermittent fever and malarial cachexia	Fiebre intermitente					1	1			2
4a	Malarial cachexia	Caquexia palúdica					1	1	1		3
14	Dysentery	Disentería		1				1			2
17	Leprosy	Lepra					1				1
19	Other epidemic affections (beri-beri)	Otras afecciones epidémicas (beri-beri)					7	1			8
27	Tuberculosis of lungs	Tuberculosis de los pulmones			1			2			3
34	Generalized tuberculosis	Tuberculosis generalizada					1				1
56	Acute alcoholism or chronic	Alcoholismo agudo ó crónico	1								1
III. Diseases of the Circulatory System.		**III. Enfermedades del Aparato Circulatorio.**									
79	Organic disease of the heart	Enfermedades orgánicas del corazon							1		1
IV. Diseases of the Respiratory System.		**IV. Enfermedades del Sistema Respiratorio.**									
91	Chronic bronchitis	Bronquitis crónica						2			2
93	Pneumonia	Pneumonia					4				4
V. Diseases of Digestive System.		**V. Enfermedades del Aparato Digestivo.**									
112	Cirrhosis of the liver	Cirrosis del hígado		1							1
VI. Diseases of the Genito-Urinary System and Its Adnexa.		**VI. Enfermedades del Aparato Genito-Urinario y sus Anexos.**									
120	Bright's disease	Mal de Bright						1			1
XII Old Age.		**XII. Vejez.**									
154	Senile debility	Debilidad senil				1		1			2
XIII. Affections produced by External Causes.		**XIII. Afecciones producidas por causas externas.**									
166	Other accidental traumatisms	Otros traumatismos accidentales			1						1
	Total		1	2	2	1	15	10	2		33

Burials, January, 1903.

Cemeteries.	No.
Loma (Government)	365
Paco General (Government)	26
Santa Cruz	11
Balic-balic	90
Binondo	10
Tondo	6
Maytubig	32
Malate	27
Pandacan	17
Chinese	39
Crematory	7
Santa Ana	16
American National Cemetery	3
Embalmed	2
Total	651

16 of the above were stillbirths and 33 transient residents.

Cases of Cholera Occurring in the City of Manila during the Month of January, 1903.

	Cases.	Recoveries.	Deaths.
Americans	1	1	
Filipinos	3	1	2
Chinese	3	1	2
Total	7	3	4
Per cent			57.14

Crematories.

Animals cremated.	January, 1903. Paco.	Santa Cruz.	Total.
Carcases of birds consumed	4	214	218
Carcases of carabaos consumed	4	27	31
Carcases of cats consumed	3	20	23
Carcases of cows consumed		59	59
Carcases of chickens consumed	44	1,070	1,114
Carcases of dogs consumed	4	227	231
Carcases of goats consumed		10	10
Carcases of hogs consumed		11	11
Carcases of American horses consumed	12	7	19
Carcases of native horses consumed	23	83	106
Carcases of monkeys consumed	---	13	13
Carcases of mules consumed		7	7
Carcases of rats consumed	13	1,188	1,201
Carcases of turkeys consumed		3	3
Total	107	2,939	3,046
Loads cremated—			
Flour		1	1
Biscuits		1	1
Jam, canned		5	5
Onions		1	1
Potatoes		1	1
Beds, canvas		2	2
Tents, canvas		1	1
Street sweepings		416	416
House refuse	330	787	1,117
Slops	274		274
Total	604	1,215	1,819

Comparative Mortality from January 1, 1901, to January 31, 1903.

Month.	1901. No. deaths.	1901. Annual death rate per 1,000.	1902. No. deaths.	1902. Annual death rate per 1,000.	1903. No. deaths.	1903. Annual death rate per 1,000.
January	753	36.22	[2]760	[2]30.46	[3]602	23.46
February	689	36.69	[2]706	[2]30.81		
March	885	42.67	[2]770	[2]30.02		
April	886	44.04	[3]1,327	53.46		
May	[1]903	43.44	[3]1,688	65.81		
June	[1]621	30.89	[3]1,418	57.13		
July	[2]608	28.46	[3]2,223	86.68		
August	[2]702	33.08	[3]1,712	66.75		
September	[2]767	37.25	[3]1,132	45.61		
October	[2]855	40.29	[3]927	36.14		
November	[2]848	41.29	[3]1,035	41.70		
December	858	40.43	753	29.36		

[1] Death rate computed on population of 244,732 (Health Department's Census), stillbirths included.
[2] Death rate computed on population of 250,000; stillbirths not included.
[3] Death rate computed on population of 302,154; stillbirths not included.

Disinterments, January, 1903.

Paco Cemetery	5
Tondo	6
Pandacan	1
Santa Cruz	9
Chinese Cemetery (for removal to China)	12
Malate	1
Total	34

Veterinary Division.

WILLIAM W. RICHARDS, V. S., *City Veterinarian.* JOHN G. SLEE, D. V. S., *Asst. City Veterinarian.*

On arrival in city:	
Number of cattle inspected	2,738
Number of hogs inspected	5,679
Number of carabaos inspected	52
Number of sheep inspected	40
Number of goats inspected	43
Number of horses inspected	473
Number of other animals inspected	8
Total	9,033
In Government slaughterhouse:	
Number of cattle slaughtered	2,003
Number of hogs slaughtered	5,779
Number of sheep slaughtered	0
Total	7,782
Number of cattle condemned and cremated	2
Number of hogs condemned and cremated	22
Total	24
Number of horses condemned for glanders	8

General Inspection of Houses, Premises, Vaults, etc., with Improvements Ordered, by Medical Inspectors, Chief Sanitary Inspectors and Sanitary Inspectors, for the Month of January, 1903.

1. Houses inspected by the Chief Sanitary Inspector	6,313
2. Houses reinspected for verification of work ordered	2,625
3. Houses inspected by sanitary inspectors	127,400
4. Houses reinspected by sanitary inspectors	43,654
5. Houses ordered cleaned (written)	832
6. Houses ordered cleaned (verbal)	19,080
7. Houses cleaned	16,905
8. Houses ordered whitewashed and painted	520
9. Houses whitewashed and painted	158
10. Houses disinfected	1,067
11. Number of houses recommended condemned and removed	34
12. Number of houses condemned and removed	15
13. Number of localities where "squatters" are located	145
14. Number of samples of water from wells sent to laboratory	0
15. Number of houses where garbage has not been removed for two days	943
16. Number of persons reported sick to municipal physicians	389
17. Cesspools and vaults ordered cleaned	1,929
18. Cesspools cleaned	1,382
19. Yards ordered cleaned	12,892
20. Yards cleaned	11,295
21 Yards ordered repaired (repaved, etc.)	175
22. Yards repaired	72
23. Number of cholera cases reported by sanitary inspectors	5
24. Number of cholera cases found alive	4
25. Number of cholera cases found dead	2
26. Number of orders issued during the month	355
27. Number of orders complied with during the month	163
28. Number of orders awaiting action	273
29. Number of orders pending in court	74
30. Number of food tiendas in district	707
31. Number of persons convicted for violation of food prohibition order	40
32. Average in visiting each street and barrio during month	90
33. Number of regular inspectors on duty	43
34. Number of emergency inspectors on duty	82
35. Number of leper cases sent to San Lazaro Hospital	3
36. Number of plague cases reported	1
37. Houses in which traps are set	5,758
38. Houses in which bane is placed	3,663
39. Traps set	7,249
40. Plates with rat bane placed	7,373
41. Rats caught by rat-catchers	2,737
42. Rats caught by traps	3,624
43. Rats caught by poison	402
44. Rat-cachers employed	52

Report on Vaccination, City of Manila, During the Month of January, 1903.

	Children.			Adults.			Totals.			Grand totals.
	Filipinos.	Chinese.	Americans and foreigners.	Filipinos.	Chinese.	Americans and foreigners.	Filipinos.	Chinese.	Americans and foreigners.	
Walled City	205			410	174	14	615	174	14	803
Binondo	535	9		1,609	603	23	2,144	612	23	2,779
San Nicolas	442	3		786	381		1,228	384		1,612
Tondo	409			766	454	18	1,175	454	18	1,647
Santa Cruz	497			573	410	9	1,070	410	9	1,489
Quiapo	361			977	100	42	1,338	100	42	1,480
San Miguel	367			323	87	2	690	87	2	779
Sampaloc	364			797	60	73	1,161	60	73	1,294
Paco	300			319	47	1	619	47	1	667
Ermita	400			370	24	4	770	24	4	798
Malate	351	1		308	5	1	659	6	1	666
Pandacan	412			254	13		666	13		679
Santa Ana	396			242	9		638	9		647
Total	5,039	13		7,734	2,367	187	12,773	2,380	187	15,340

RECAPITULATION.

Children	5,052
Adults	10,288
Total	15,340
Filipinos	12,773
Chinese	2,380
Americans and foreigners	187
Total	15,340

Vaccine Virus Issued During Month ending January 31, 1903.

Chief of Vaccinators, SATURNINO ESPEJO.

	Units.
Army	4,700
Navy	300
Inhabitants of the Philippine Archipelago (excluding Manila)	97,500
Amount of vaccine virus sold to the public	155
Amount of vaccine virus used in City of Manila	29,810
Marine Hospital Service	700
Total	133,165

Report of Sick and Wounded City Poor Attended by Municipal Physicians During the Month of January, 1903.

		Sex.				Nationality.									Cured.		Deaths.		Number of visits.
						Filipinos.		Chinese.		Foreigners.		Americans.		Total.					
		M.	F.	Boys.	Girls.	M.	F.	M.	F.	M.	F.	M.	F.		M.	F.	M.	F.	
R. PERRAMON	Walled City	15	21	9	14	23	35	1						59	15	25	3	3	174
	Concepcion	3	5	2	2	5	7							12	2	1		5	43
	San Miguel	5	10	1	1	6	14							20	4	6		2	89
C. MORA	Paco	15	14	4	6	19	20							39	5	6	7	3	119
	Ermita	3	3	3		6	3							9	3				24
	Malate	5	6	1	2	6	8							14	2		1	2	36
C. REYES	Quiapo	5	3	2	2	7	5							12	6	4	1	1	67
	Santa Cruz	6	12	2	2	8	14							22	5	9	1	1	126
F. CASTAÑEDA	Sampaloc	17	32	12	7	29	30							68	15	20	2	4	181
S. V. DEL ROSARIO	Binondo	3	2	1	1	4	3							7			1	2	15
V. PANTOJA	Tondo	2	6	1	1	2	7	1						10	2	2	1	2	45
V. CAVANNA	San Nicolas	10	6	1	2	11	8							19	8	7	1		112
C. VICTORINO	Pandacan	9	8			9	8							17	6	7	1	1	55
	Santa Ana	1	3			1	3							4		3			11
Total		99	131	39	43	136	174	2						305	73	90	19	26	1,097

Monthly report of Cholera Hospital, San Lazaro, January, 1903.

	Americans.		Europeans.		Filipinos.		Chinese.		Total.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Number of patients in hospital at last report	1								1	
Number of patients received during the month	1				2	1			3	1
Number of patiens discharged cured	1					1			1	1
Number of deaths					2				2	
Number of patients remaining in hospital	1								1	

Report from the Bureau of Government Laboratories, January, 1903.

Analyses.

Coal	3
Seeds	1
Poisons	1
Silver dollars	1
Urines	40
Carbolic acid	1
Carbolineum	1
Coated iron pipe	1
Bat guanos	2
Acetozone	3
Paints	1
Total	55

Clinical Examinations.

	Pos.	Neg.	Total.
Sputa for tuberculosis	3	23	26
Smears for gonococci	161	211	372
Feces:		47	70
Amœbæ dysenteriæ	9		
Amœbæ coli	2		
Monads	13		
Strongyloides intestinales	1		
Ova trichocephalus dispar	2		
Ova uncinaria duodenale	6		
Cholera spirilla	1		
Blood counts			14
Serum reaction			1
Typhoid	0	1	
Malarial parasites		16	18
Aestivo autumnal	2		
Blood for surra		6	6
Microscopical examinations of urine			5
Rats for plague	0	141	141
Necropsies			9
Total			662

Reports Received of Lepers Living in the Various Provinces of the Philippine Islands, to January 31, 1903.

Province.	Number of men.	Number of women.	Children.		Single.		Married.		Widower.	Widow.	Race.	Total.
			M.	F.	M.	F.	M.	F.				
Antique	92	37	2	2	38	28	42	4	12	5	Filipinos	133
Batangas	19	5			12	3	3	3	3		do	24
Bataan	10	4	1	1	5		3	2	2	2	do	16
Benguet	31	10	1	1	1		21	10	9		Igorrotes	43
Ambos Camarines	33	17	1	1	24	12	8	5	1		Filipinos	52
Bulacan	17	9	2	1	12	6	5	3			do	29
Ilocos Norte	45	28	5	2	9	10	31	8	5	10	do	80
Ilocos Sur	176	84	4	2	101	50	66	17	14	12	do	266
Leyte	49	38	1	3	26	27	20	7	3	4	do	91
Masbate	51	35	25	10	22	15	23	19	2	5	do	121
Cagayan	46	30		3	20	10	20	19	6	1	do	79
Lepanto	14	4	1		5	1	8		1	3	do	19
Cavite	17	5		3	16	3	1			2	do	25
Nueva Ecija	44	24			19	12	22	8	2	5	do	68
Negros Occidental	26	11	5	1	17	10	8	1	1		do	43
Pampanga	8	5	2		3	1	5	3	1		do	15
Pangasinan	120	80	2	3	36	28	65	38	19	14	do	205
Rizal	41	24	2		19	12	21	7	3	3	do	67
Marinduque	1	1	1			1	1				do	3
Laguna	1						1				do	1
*San Lazaro	93	67	18	8	62	35	24	16	7	15	do	185
Tarlac	27	24	11	4	7	9	17	11	2	5	do	66
Sorsogon	75	33	1	1	33	17	40	10	3	5	do	110
Romblon	5	10			3	6	2	3	1		do	15
Samar	39	32	13	8	17	9	21	18	3	3	do	92
Union	43	28	3		15	14	24	12	4	2	do	74
Zambales	58	35	2		30	15	26	13	4	5	do	95
Mindanao	140	74	3	3	84	46	45	18	9	12	Moros	220
Cebú	171	89	5	4	136	64	33	21	3	3	Filipinos	269
Iloilo	231	66	11	2	113	37	94	9	24	20	do	310
Negros Oriental	66	42	6	2	27	23	32	14	7	5	do	116
Isabela de Luzon	18	4	1		3	1	10	3	5		do	23
Tayabas	1								1		do	1
Albay	68	33	1	1	30	18	27	10	11	5	do	103
Nueva Vizcaya	13	12	2		7	3	4	6	2	3	do	27
Abra	11	6			5	4	5	2	1		do	17
Bohol	46	46	5	1	20	19	27	17	3	6	do	98
Capiz	44	33	19	9	26	24	13	12	1	1	do	105
Total	1,990	1,085	156	76	1,003	574	818	349	174	157		3,307

*1 European female.

Monthly Report of Plague and Smallpox Hospital, San Lazaro, January, 1903.

	Bubonic Plague.										Smallpox.									
	Americans.		Europeans.		Filipinos.		Chinese.		Total.		Americans.		Europeans.		Filipinos.		Chinese.		Total.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Number of patients in hospital at last report					1	1			1	1					1				1	
Number of patients received during the month					1	1			1	1					1				1	
Number of patients discharged cured															1				1	
Number of deaths					1	1			1	1										
Number of patients remaining in hospital																				

Monthly Sanitary Report, Station A, District of San Nicolas, Harbor and River for January, 1903.

Number of cascoes, ships, and other craft inspected	7,143	Number of dead bodies found in river and harbor	1
Number of cholera cases found on ships and other craft	0	Number of cascoes, etc., disinfected	0
Number of cholera cases found alive	0	Number of cascoes quarantined	0
Number of cholera cases found dead	0		

Report of Prescriptions Filled at the Municipal Dispensary; Showing Districts, Sex, and Age of Persons to Whom Medicines Have Been Given During the Month.

Districts.	Americans.				Foreigners.				Filipinos.				Chinese.				Total.
	Adult.		Children.		Adult.		Children.		Adult.		Children.		Adult.		Children.		
	M.	F.	Boy.	Girl.	M.	F.	Boy.	Girl.	M.	F.	Boy.	Girl.	M.	F.	Boy.	Girl.	
Walled City									18	24	9	6					57
Concepcion									2	6	2	2					12
San Miguel									11	24	1	7					43
Ermita									17	6							23
Malate									9	17							26
Paco									32	20	7						59
Santa Ana										3							3
Sampaloc									47	76	15	7					145
Pandacan									7	11	2						20
Quiapo									34	47	9	11					101
Santa Cruz									16	23	4	5					48
Binondo									11	4		2					17
San Nicolas									7			3					10
Tondo										6							6
Total									211	267	49	43					570

Monthly Report of San Lazaro Hospital, Leper and Women's Departments, January, 1903.

	Leper department.							Women's department.				
	Europeans.		Filipinos.		Chinese.		Total.	Americans.	Europeans.	Filipinos.	Japanese.	Total.
	M.	F.	M.	F.	M.	F.						
Number of patients in hospital at last report		1	109	72			182			22	2	24
Number of patients received during the month			6	2	1		9	1	8	56	69	134
Number of patients discharged cured			2	1	1		4		1	39	35	75
Number of deaths			1				1					
Number of patients remaining in hospital		1	112	73			186	1	7	39	36	83

Philippine Weather Bureau—Manila Central Observatory. Bulletin for January, 1903. Meteorological Data Deduced from Hourly Observations.

Date.	Barometer.[1] Mean.		Temperature. Mean.		Temperature. Maximum.		Temperature. Minimum.		Relative humidity, mean.	Wind. Prevailing direction.	Wind. Total daily motion.		Wind. Maximum. Force.		Wind. Maximum. Direction.	Sunshine.	Rainfall.	
	Inch.	*mm.*	°*C.*	°*F.*	°*C.*	°*F.*	°*C.*	°*F.*	*Per ct.*		*Km.*	*Miles.*	*Km.*	*Miles.*		*H. m.*	*Inch.*	*mm.*
1	30.067	763.70	25.9	78.6	30.7	87.2	19.8	67.7	78.5	Variable.	191	119	19	12	WNW.	9 10		
2	30.068	63.72	25.4	77.7	30.2	86.4	19.3	66.7	79.0	Variable.	166	103	16	10	WNW.	7 40		
3	30.055	63.37	25.9	78.6	30.6	87.0	20.5	68.9	77.4	SW.	151	94	13	8	SW.	8 25		
4	30.058	63.44	25.9	78.6	31.7	89.0	19.6	67.3	76.6	NE.	163	101	14	9	NE.	8 30		
5	30.089	64.26	25.5	77.9	29.0	84.2	20.3	68.5	75.5	NE.	152	94	20	12	NNE.	4 10		
6	30.128	65.23	25.0	77.0	28.5	83.3	20.8	69.5	71.1	NNE.	288	179	26	16	NNE.	3 00		
7	30.118	64.99	24.7	76.5	28.7	83.6	20.9	69.6	68.6	Variable.	153	95	16	10	ESE.	3 50		
8	30.093	64.35	24.7	76.5	28.8	83.8	19.9	67.8	67.5	E.	208	129	29	18	E.	8 00		
9	30.063	63.58	24.5	76.1	29.2	84.5	18.6	65.4	78.2	NNE.	140	87	14	9	W.	5 05		
10	30.040	63.00	25.1	77.2	29.1	84.4	21.4	70.5	72.1	ENE.	148	92	20	12	ENE.	2 50		
11	30.011	62.28	24.7	76.5	29.1	84.3	20.2	68.4	73.8	Variable.	160	99	14	9	SE.	1 05		
12	29.972	61.29	25.1	77.2	30.7	87.2	19.2	66.5	77.6	E.-SSE.	127	79	23	14	ESE.	6 45		
13	29.954	60.82	25.3	77.5	30.6	87.0	19.7	67.4	78.0	SSW-WSW	156	97	16	10	WSW.	8 45		
14	29.960	60.98	25.8	78.4	30.0	86.0	20.9	69.7	78.1	NNE.-ENE	220	137	18	11	S. by W.	8 00		
15	29.959	60.95	25.6	78.1	30.1	86.2	19.1	66.4	78.7	WSW.	158	98	14	9	W.	8 30		
16	29.965	61.11	25.6	78.1	30.3	86.6	20.0	68.0	79.3	WSW.	155	96	15	9	WSW.	8 35	0.472	12.0
17	29.955	60.85	25.0	77.0	29.8	85.6	20.2	68.4	76.1	N.	449	279	25	16	NNW.	8 00		
18	29.963	61.06	24.7	76.5	28.4	83.1	19.9	67.8	69.4	NNE.	436	271	27	17	NNW.	9 10		
19	29.969	61.20	24.2	75.6	28.3	83.0	19.1	66.4	72.5	NNE.	326	203	21	13	N. by E.	7 00		
20	29.965	61.10	24.3	75.7	28.4	83.2	18.1	64.5	74.1	NNE.	212	132	18	11	W.	9 00		
21	29.982	61.53	24.9	76.8	29.3	84.8	18.3	65.0	79.8	NNE.	146	91	17	11	WNW.	5 50		
22	30.024	62.60	24.5	76.1	26.8	80.3	21.6	70.8	91.5	N.	244	152	21	13	NNW.	3 15		
23	30.023	62.58	25.8	78.4	29.9	85.9	22.1	71.8	75.7	ESE.	268	167	24	15	ESE.	4 30	0.429	10.9
24	30.045	63.12	25.7	78.3	31.1	88.0	20.8	69.5	70.1	ENE.	258	160	34	21	ESE.	7 10		
25	30.030	62.76	25.8	78.4	31.5	88.7	19.7	67.4	74.1	ENE.	210	130	25	16	SE. by E.	8 55		
26	29.953	60.80	25.8	78.4	29.7	85.4	20.4	68.7	75.6	ENE.-ESE.	226	140	22	14	ESE.	6 10		
27	29.910	59.70	26.5	79.7	31.9	89.4	20.8	69.5	70.1	SE.	262	163	25	16	E.	9 40		
28	29.948	60.68	26.2	79.2	30.7	87.2	21.1	69.9	71.9	ESE.	190	118	19	12	E.	5 50		
29	29.955	60.84	26.3	79.3	31.0	87.8	19.3	66.8	72.8	NE.	108	67	11	7	NE.	6 30		
30	29.957	60.90	25.5	77.9	29.4	85.0	21.4	70.6	87.0	Variable.	160	99	12	7	W.	4 55	0.094	2.4
31	29.953	60.81	26.7	80.1	32.1	89.7	20.3	68.5	78.1	SE.	198	123	16	10	SE.	8 05		
Mean	30.007	762.18	25.4	77.7	29.9	85.7	20.1	68.2	75.8		207.4	129.0	19.5	12.2		6 39		
Total											6429	3999				206 20	0.995	25.3

[1] Corrected for instrumental error and for temperature and reduced to sea level. Correction to standard gravity.—1.72mm (—0.068 inch).

GENERAL LIBRARY,
UNIV. OF MICH.
JUN 9 1903

MONTHLY REPORT

OF THE

Board of Health for the Philippine Islands

AND

CITY OF MANILA.

FEBRUARY, 1903.

TO THE HON. DEAN C. WORCESTER, SECRETARY OF THE INTERIOR.

BOARD OF HEALTH.

E. C. CARTER, M. D., U. S. Army,
Commissioner of Public Health.

T. R. MARSHALL, M. D.,
Chief Health Inspector.

H. D. OSGOOD, B. S.,
Sanitary Engineer.

P. C. FREER, M. D., Ph. D.,
Superintendent of Government Laboratories.

MANUEL GOMEZ MARTINEZ, M. D.,
Secretary.

MANILA:
BUREAU OF PUBLIC PRINTING.
1903.

4796

LETTER OF TRANSMITTAL.

DEPARTMENT OF THE INTERIOR,
BUREAU OF PUBLIC HEALTH FOR PHILIPPINES,
OFFICE OF THE COMMISSIONER,
Manila, March 20, 1903.

SIR: I have the honor to submit herewith the report of the Board of Health for the Philippine Islands and the City of Manila for the month of February, 1903.

Very respectfully,

E. C. CARTER,
Commissioner of Public Health.

To the Honorable the SECRETARY OF THE INTERIOR,
Manila, P. I.

Population of Manila.

Filipinos	223,900
Chinese	60,680
Foreigners	7,852
Americans	9,722
Total	302,154

Deaths Occurring During the Month of February.

Filipinos	465
Chinese	41
Foreigners	3
Americans	2
Total	511

Annual Death Rate per Thousand for the Month.

Filipinos	27.09
Chinese	8.81
Foreigners	4.98
Americans	2.68
Average	22.05

Births Reported in February.

Filipinos	149
Chinese	1
Foreigners	4
Americans	8
Total	162

Annual Birth Rate per Thousand for the Month.

Filipinos	8.62
Chinese	0.21
Foreigners	6.64
Americans	10.73
Average	6.99

Summary of Statistics of Births and Deaths.

Population, census estimated, Health Department	302,154
Mortality for the month of February	511
Annual death rate per 1,000 for month of February	22.05
*Births reported	162
Annual birth rate (based on reports)	6.99

*Incomplete.

Deaths by Age.

Under 30 days	46
30 days to 1 year	208
1 year to 2 years	20
2 years to 5 years	18
5 years to 10 years	8
10 years to 15 years	6
15 years to 20 years	13
20 years to 25 years	23
25 years to 30 years	29
30 years to 40 years	48
40 years to 50 years	48
50 years to 60 years	31
60 years to 70 years	31
70 years to 80 years	11
80 years to 90 years	9
90 years to 100 years	5
100 years to 110 years	2
Unknown	1
Total	557

Stillbirths, 19. Of the grand total of deaths, 46 were those of transients, while 511 were permanent residents of Manila.

Deaths by Districts.

Walled City	28
Binondo	44
San Nicolas	52
Tondo	126
Santa Cruz	93
Quiapo	40
Sampaloc	53
San Miguel	13
Paco	23
Ermita	12
Malate	10
Pandacan	9
Transient residents	46
Santa Ana	8
Total	557

In addition to the above there were 19 stillbirths.

Number of deaths with medical attendance	268
Number of deaths without medical attendance	289
Total	557

19 of above were stillbirths.

A Classified Report of all Deaths Occurring in Manila During the Month of February, 1903.

Males.

Married	65
Widower	13
Single	87
Boys	156
Condition not stated in certificate	4
Total	325

Females.

Married	38
Widows	22
Single	28
Girls	143
Condition not stated in certificate	1
Stillbirths	19
Total	251
Grand Total	576

Including 46 transients in Manila.

CAUSES OF DEATHS FOR THE MONTH OF FEBRUARY, 1903.

(STILLBIRTHS NOT INCLUDED.)

	NOMENCLATURE DESIGNED FOR THE STATISTICS OF DEATH.	NOMENCLATURA PARA LAS ESTADÍSTICAS DE DEFUNCIONES.	Americans.		Europeans.		Filipinos.		Chinese.		Total.
			M.	F.	M.	F.	M.	F.	M.	F.	
	I. General Diseases.	**I. Enfermedades Generales.**									
1	Typhoid fever (abdominal typhus)	Fiebre tifoidea			1		4	3		1	9
2	Exanthematic typhus	Tifus exantemático									
3	Recurrent fever	Fiebre recurrente									
4	Intermittent fever, and malarial cachexia	Fiebre intermitente					6	4	2		12
4a	Malarial cachexia	Caquexia palúdica					3	1	1		5
5	Variola	Viruelas									
6	Measles	Sarampión									
7	Scarlatina	Escarlatina									
8	Whooping cough	Tos ferina									
9	Diphtheria and croup	Difteria y crup									
9a	Diphtheria	Difteria									
10	Grippe	Gripe									
11	Miliary fever	Fiebre miliar									
12	Asiatic cholera	Cólera asiático					1	1			2
13	Cholera, nostras	Cólera nostras									
14	Dysentery	Disentería					2	3	3		8
14a	Epidemic dysentery	Disentería epidémica									
15	Plague	Peste					5	4	5		14
16	Yellow fever	Fiebre amarilla									
17	Leprosy	Lepra									
18	Erysipelas	Erisipelas						1			1
19	Other epidemic affections (beri-beri)	Otras afecciones epidemicas (beri-beri)					6	2	1		9
20	Purulent infection and septicæmia	Infección purulenta y septicemia					3				3
21	Glanders and farcy	Muermo y lamparones									
22	Malignant pustule and anthrax	Pústula maligna y antrax									
23	Rabies	Rabia									
24	Actinomycosis, trichinosis, etc	Actinomicosis, trichinosis, etc									
25	Pellagra	Pelagra									
26	Tuberculosis of larynx	Tuberculosis de la laringe					5	3			8
27	Tuberculosis of lungs	Tuberculosis del pulmón					26	19	7		52
28	Tuberculosis of meninges	Tuberculosis de las meninges					1				1
29	Tuberculosis of abdomen	Tuberculosis abdominal						3			3
30	Pott's disease	Mal de Pott									
31	Cold abscess and abscess by congestion	Abscesos fríos y por congestión									
32	White swellings	Tumores blancos						1			1
33	Tuberculosis of other organs	Tuberculosis de otros órganos									
34	Generalized tuberculosis	Tuberculosis generalizada									
35	Scrofula	Escrófula					1				1
36	Syphilis	Sífilis						1			1
37	Gonorrhea of the adult	Blenorragia en los adultos									
38	Gonococcic infections of children	Afecciones gonocócicas en los niños									
39	Cancer and other malignant tumors of the bucal cavity.	Cáncer ú otros tumores malignos en la cavidad bucal					1	1			2
40	Cancer and other malignant tumors of the stomach and liver.	Cáncer ú otros tumores malignos del estómago é hígado.									
41	Cancer and other malignant tumors of peritoneum, intestines and rectum	Cáncer ú otros tumores malignos del peritoneo, intestinos y recto.									
42	Cancer and other malignant tumors of the female genitals.	Cáncer ú otros tumores malignos de los órganos genitales de la mujer.									
43	Cancer and other malignant tumors of the breast	Cáncer ú otros tumores malignos de la mama									
44	Cancer and other malignant tumors of the skin	Cáncer ú otros tumores malignos de la piel									
45	Cancer and other malignant tumors of other organs and organs not specified.	Cáncer ú otros tumores malignos en otros órganos									
46	Other tumors (tumors of the female genitals excepted)	Otros tumores (exceptuándose los de los órganos genitales de la mujer).									
47	Acute articular rheumatism	Reumatismo articular agudo									
48	Chronic rheumatism, and gout	Reumatismo crónico y gota					1	1			2
49	Scurvy	Escorbuto									
50	Diabetes	Diabetes									
51	Exophthalmic goiter	Bocio exoftálmico									
52	Addisson's disease	Enfermedad bronceada de Addison									
53	Leukæmia	Leucemia									
54	Anæmia, chlorosis	Anemia, clorosis					2	1			3
55	Other general diseases	Otras enfermedades generales									
56	Acute alcoholism or chronic	Alcoholismo agudo ó crónico						1			1
57	Lead-poisoning	Saturnismo									
58	Other poisonings incident to occupations	Otras intoxicaciones profesionales crónicas									
59	Other chronic poisonings	Otros envenenamientos crónicos									
	II. Diseases of the Nervous System and the Organs of Special Sense.	**II. Enfermedades del Sistema Nervioso y de los Organos de los Sentidos.**									
60	Encephalitis	Encefalitis									
61	Simple meningitis	Meningitis simple					6	8			14
61a	Epidemic cerebro-spinal, meningitis	Meningitis cérebro-espinal epidémica									
62	Progressive locomotor ataxia	Ataxia locomotriz progresiva							1		1
63	Other diseases of the spinal cord	Otras enfermedades de la médula espinal									
64	Cerebral congestion and hemorrhage	Congestión y hemorragia cerebrales					3	8	1		12
65	Cerebral softening	Reblandecimiento cerebral									
66	Paralysis without apparent cause	Parálisis sin indicación de causa									
67	General paralysis	Parálisis generales						1			1

	NOMENCLATURE DESIGNED FOR THE STATISTICS OF DEATH.	NOMENCLATURA PARA LAS ESTADÍSTICAS DE DEFUNCIONES.	Americans. M.	Americans. F.	Europeans. M.	Europeans. F.	Filipinos. M.	Filipinos. F.	Chinese. M.	Chinese. F.	Total.
	II. Diseases of the Nervous System and the Organs of Special Sense—Cont'd.	**II.—Enfermedades del Sistema Nervioso y de los Organos de los Sentidos—Cont'd.**									
68	Other forms of insanity	Otras formas de alienación mental									
69	Epilepsy	Epilepsia									
70	Eclampsia (nonpuerperal)	Eclampsia (no puerperal)					18	21			39
71	Convulsions of children	Convulsiones en los niños					69	63			132
72	Tetanus	Tétano					3	2			5
73	Chorea	Corea									
74	Other diseases of the nervous system	Otras enfermedades del sistema nervioso					1	2			3
75	Diseases of the eye and its adnexa	Enfermedades de ojos y sus anexos									
76	Diseases of the ear	Enfermedades de los oídos									
	III. Diseases of the Circulatory System.	**III. Enfermedades del Aparato Circulatorio.**									
77	Pericarditis	Pericarditis									
78	Acute endocarditis	Endocarditis aguda					2	2			4
79	Organic disease of the heart	Enfermedades orgánicas del corazón	1				1	4		1	7
80	Angina pectoris	Angina de pecho					1	2	1		4
81	Affections of the arteries (atheroma, aneurism, etc.)	Afecciones de las arterias, etc						1	1		2
82	Embolus and thrombosis	Embolia y trombosis					1	1			2
83	Affections of the veins (varices, hemorrhoides, phlebitis).	Afecciones de las venas									
84	Affections of the lymphatic system (lymphangitis, etc.).	Afecciones del sistema linfático									
85	Hemorrhages	Hemorragias									
86	Other affections of the circulatory system	Otras afecciones del aparato circulatorio									
	IV. Diseases of the Respiratory System.	**IV. Enfermedades del Aparato Respiratorio.**									
87	Diseases of the nasal fosse	Enfermedades de las fosas nasales									
88	Affections of the larynx	Afecciones de la laringe					6	4			10
89	Affections of the thyroid body	Afecciones del cuerpo tiroideo									
90	Acute bronchitis	Bronquitis aguda					17	9	1		27
91	Chronic bronchitis	Bronquitis crónica					9	7			16
92	Broncho-pneumonia	Bronco-pneumonia					1	3	1		5
93	Pneumonia	Pneumonía							1		1
94	Pleurisy	Pleuresía						1			1
95	Pulmonary congestion and apoplexy	Congestion y apoplegía pulmonares					1				1
96	Gangrene of the lungs	Gangrena del pulmón									
97	Asthma	Asma					2				2
98	Pulmonary emphysema	Enfisema pulmonar	1								1
99	Other diseases of the respiratory system (phthisis excepted).	Otras enfermedades del aparato respiratorio (exceptuándose la tísis).									
	V. Diseases of Digestive System.	**V. Enfermedades del Aparato Digestivo.**									
100	Affections of the mouth and its adnexa	Afecciones de la boca y de sus anexos									
101	Affections of the pharynx	Afecciones de la faringe									
102	Affections of the esophagus	Afecciones del esófago									
103	Ulcer of the stomach	Ulcera del estómago					2	2			4
104	Other affections of the stomach (cancer excepted)	Otras afecciones del estómago (exceptuándose el cáncer).					5	2	2		9
105	Diarrhea and enteritis (under two years)	Diarrea y enteritis (en niños menores de 2 años)					1	2			3
105a	Chronic diarrhea and enteritis	Diarrea y enteritis crónica					7	6	1		14
106	Diarrhea and enteritis (two years and over)	Diarrea y enteritis (en niños de 2 ó más años)									
107	Intestinal parasites	Parásitos intestinales					1				1
108	Hernias; intestinal obstructions	Hernias; obstrucciones intestinales					1				1
109	Other affections of the intestines	Otras afecciones del intestino									
110	Acute yellow atrophy of the liver	Ictericia grave									
111	Hydatid tumors of the liver	Tumores hidátidicos del hígado									
112	Cirrhosis of the liver	Cirrosis del hígado					3		1		4
113	Biliary calculi	Cálculos biliares									
114	Other affections of the liver	Otras afecciones del hígado					1		1		2
115	Affections of the spleen	Afecciones del bazo									
116	Simple peritonitis (puerperal excepted)	Peritonitis simple (exceptuándose la puerperal)					1		1		2
117	Other affections of the digestive system (cancer and tuberculosis excepted).	Otras afecciones del aparato digestivo (exceptuándose el cáncer y tuberculosis).									
118	Appendicitis and abscess of the iliac fossa	Apendicitis y flemón de la fosa iliaca					1				1
	VI. Diseases of the Genito-Urinary System and its Adnexa.	**VI. Enfermedades del Aparato Génito Urinario y de sus Anexos.**									
119	Acute nephritis	Nefritis aguda					2	1			3
120	Bright's disease	Mal de Bright							3		3
121	Other diseases of the kidneys and their adnexa	Otras enfermedades de los riñones y de sus anexos									
122	Calculi of the urinary tract	Cálculos de las vías urinarias									
123	Diseases of the bladder	Enfermedades de la vegiga									
124	Diseases of the urethra, urinary abscess, etc	Enfermedades de la uretra									
125	Diseases of the prostate	Enfermedades de la próstata									
126	Nonvenereal diseases of the male genital organs	Enfermedades no venereas de los órganos genitales del hombre.									
127	Metritis	Metritis									
128	Uterine hemorrhage (nonpuerperal)	Hemorragia uterina (no puerperal)									
129	Tumor, uterine (noncancerous)	Tumor uterino (no canceroso)									
130	Other diseases of the uterus	Otras enfermedades del útero									
131	Cysts and other tumors of the ovary	Quistes y otros tumores del ovario									
132	Other diseases of the female genital organs	Otras enfermedades de los organos genitales de la mujer.									
133	Nonpuerperal diseases of the breast (cancer excepted).	Enfermedades no puerperales de la mama (exceptuándose el cáncer).									

	NOMENCLATURE DESIGNED FOR THE STATISTICS OF DEATH.	NOMENCLATURA PARA LAS ESTADÍSTICAS DE DEFUNCIONES.	Americans.		Europeans.		Filipinos.		Chinese.		Total.
			M.	F.	M.	F.	M.	F.	M.	F.	
	VII.	**VII.**									
	The Puerperal State.	**Estado Puerperal.**									
134	Accidents of pregnancy	Accidentes de la preñez									
135	Puerperal hemorrhage	Hemorragia puerperal						1		1	2
136	Other accidents of labor	Otros accidentes del parto									
137	Puerperal septicæmia	Septicemia puerperal						1			1
138	Albuminuria and puerperal eclampsia	Albuminuria y eclampsia puerperales									
139	Puerperal phlegmasia alba dolens	Flegmasia alba dolens puerperal									
140	Other puerperal accidents—sudden death	Otros accidentes puerperales—muerte repentina									
141	Puerperal diseases of the breast	Enfermedades puerperales de la mama									
	VIII.	**VIII.**									
	Diseases of the Skin and Cellular Tissue.	**Enfermedades de la Piel y del Tejido Celular.**									
142	Gangrene	Gangrena									
143	Furuncle	Forúnculo									
144	Warm-acute abscess	Abscesos calientes agudos									
145	Other diseases of the skin and its adnexa	Otras enfermedades de la piel									
	IX.	**IX.**									
	Diseases of the Organs of Locomotion.	**Enfermedades de los Órganos de la Locomoción.**									
146	Affections of the bones (nontuberculous)	Afecciones de los huesos(exceptuando la tuberculosis)									
147	Diseases of the joints (tuberculosis and rheumatism excepted).	Afecciones de las articulaciones (exceptuando la tuberculosis y el reumatismo).									
148	Amputation	Amputación									
149	Other affections of the organs of locomotion	Otras afecciones de los órganos de la locomoción									
	X.	**X.**									
	Malformations.	**Vicios de Conformación.**									
150	Congenital malformations (stillbirths excepted)	Vicios de conformación congénitos (exceptuándose los de niños nacidos muertos).					1	1			2
	XI.	**XI.**									
	Early Infancy.	**Primera Infancia.**									
151	Congenital debility icterus and sclerema	Debilidad congéntia, ictericia y esclerema			1		3	3			7
152	Other special diseases of early infancy	Otras enfermedades especiales de la primera edad						2			2
153	Lack of care	Falta de cuidados									
	XII.	**XII.**									
	Old Age.	**Vejez.**									
154	Senile debility	Debilidad senil			1		4	6			11
	XIII.	**XIII.**									
	Affections Produced by External Causes.	**Afecciones Producidas por Causas Exteriores.**									
155	Suicide by poison	Suicidio por envenenamiento									
156	Suicide by asphyxia	Suicidio por asfixia									
157	Suicide by hanging or strangulation	Suicidio por suspensión ó por extrangulación									
158	Suicide by submersion	Suicidio por submersión									
159	Suicide by firearms	Suicidio por armas de fuego					1				1
160	Suicide by cutting instruments	Suicidio por instrumentos cortantes									
161	Suicide by jumping from high place	Suicidio por dejarse caer desde un punto elevado							1		1
162	Suicide by crushing	Suicidio por aplastamiento									
163	Other suicides	Otros suicidios									
164	Fractures	Fracturas									
165	Dislocations	Luxaciones									
166	Other accidental traumatisms	Otros traumatismos accidentales					1	1			2
167	Burns	Quemaduras por el fuego					2	2			4
168	Burning by corrosive substances	Quemaduras por substancias corrosivas									
169	Insolation	Insolación									
170	Freezing	Congelación									
171	Electrical shocks	Commoción eléctrica									
172	Accidental submersion	Submersión accidental							1		1
173	Inanition	Inanición					1				1
174	Inhalation of deleterious gases (suicide excepted)	Absorción de gases deletéreos									
175	Other acute poisonings	Otros envenenamientos agudos					1				1
176	Other external violence	Otras violencias exteriores									
	XIV.	**XIV.**									
	Ill-defined Diseases.	**Enfermedades mal Definidas.**									
177	Dropsy	Hidropesía									
178	Sudden death	Muerte repentina									
179	Unspecified or ill-defined causes of death	Causas de muerte no especificadas ó mal definidas									
	Total		2		3		247	218	38	3	
	Grand total		2		3		465		41		511

CAUSES OF DEATH FOR FEBRUARY, 1903.

RACE, SEX, AND AGE.

		Americans.				Europeans.				Filipinos.				Chinese.				Total.				
		Male.		Female.		Male.		Female.		Male.		Female.		Male.		Female.		Male.		Female.		
		Under 5 yrs.	5 yrs. and over.	Under 5 yrs.	5 yrs. and over.	Under 5 yrs.	5 yrs. and over.	Under 5 yrs.	5 yrs. and over.	Under 5 yrs.	5 yrs. and over.	Under 5 yrs.	5 yrs. and over.	Under 5 yrs.	5 yrs. and over.	Under 5 yrs.	5 yrs. and over.	Under 5 yrs.	5 yrs. and over.	Under 5 yrs.	5 yrs. and over.	Grand total.
I.	**I.**																					
General Diseases.	**Enfermedades Generales.**																					
1. Typhoid fever	Fiebre tifoidea						1				4	2	1				1		5	2	2	9
4. Malaria	Paludismo									1	5		4		2			1	7		4	12
4a. Malarial cachexia	Caquexia palúdica										3		1		1				4		1	5
12. Asiatic cholera	Cólera asiático										1		1						1		1	2
14. Dysentery	Disentería									1	1	2	1		3			1	4	2	1	8
15. Plague	Peste										5		4		5				10		4	14
18. Erysipelas	Erisipelas											1								1		1
19. Other epidemic affections (beri-beri).	Otras afecciones epidémicas										6		2		1				7		2	9
20. Purulent infection and septicemia.	Infección purulenta y septicemia.									1	2							1	2			3
26. Tuberculosis of larynx	Tuberculosis laringea										5		3						5		3	8
27. Tuberculosis of lungs	Tuberculosis pulmonar										26	1	18		7				33	1	18	52
28. Tuberculosis of meninges	Tuberculosis meningea									1								1				1
29. Tuberculosis of abdomen	Tuberculosis abdominal												3								3	3
32. White swellings	Tumores blancos												1								1	1
35. Scrofula	Escrófula									1								1				1
36. Syphilis	Sífilis											1								1		1
39. Cancer and other malignant tumors of the bucal cavity.	Cáncer y otros tumores malignos de la cavidad bucal.										1		1						1		1	2
43. Chronic rheumatism, and gout.	Reumatismo, crónico y gota										1		1						1		1	2
54. Anæmia, chlorosis	Anemia clorosis									1	1	1						1	1	1		3
56. Acute, or chronic alcoholism.	Alcholismo agudo ó crónico												1								1	1
II.	**II**																					
Diseases of the Nervous System and the Orgnas of Special Sense.	**Enfermedades del sistema nervioso y de los organos de los sentidos.**																					
61. Simple meningitis	Meningitis simple									5	1	7	1					5	1	7	1	14
62. Progresive locomotor ataxia.	Ataxia locomotriz														1				1			1
64. Cerebral congestion and hermorrhage.	Congestion y hemorragia cerebrales.										3		8		1				4		8	12
67. General paralysis	Paralisis general														1				1			1
70. Eclampsia (nonpuerperal)	Eclampsia no puerperal									18		21						18		21		39
71. Convulsions of children	Convulsiones de los niños									69		63						69		63		132
72. Tetanus	Tetanos									2	1	2						2	1	2		5
74. Other diseases of the nervous system	Otras enfermedades del sistema.									1		2						1		2		3
III.	**III.**																					
Diseases of the Circulatory System.	**Enfermedades del aparato circulatorio.**																					
78. Acute endocarditis	Endocarditis aguda										2		2						2		2	4
79. Organic diseases of the heart.	Enfermedades orgánicas del corazón,	1									1		4				1		2		5	7
80. Angina pectoris	Angina de pecho										1		2		1				2		2	4
81. Affections of the arteries (atheroma aneurism, etc.)	Afecciones de las arterias ateroma, aneurisma.												1		1				1		1	2
82. Embolus and thrombosis	Embolia y trombosis										1		1						1		1	2
IV.	**IV.**																					
Diseases of the Respiratory System.	**Enfermedades del aparato circulatorio.**																					
88. Affections of the larynx	Afecciones de la laringe									6		4						6		4		10
90. Acute bronchitis	Bronquitis aguda									17		9			1			17	1	9		27
91. Chronic bronchitis	Bronquitis crónica									6	3	3	4					6	3	3	4	16
92. Broncho-pneumonia	Bronco-neumonia										1	2	1		1				2	2	1	5
93. Pneumonia	Neumonia														1				1			1
94. Pleurisy	Pleuresia												1								1	1
95. Pulmonary congestion and apoplexy.	Congestión y apoplegia pulmonares.										1								1			1
97. Asthma	Asma										2								2			2
98. Pulmonary enphisema	Enfisema pulmonar		1																1			1
V.	**V.**																					
Diseases of Digestive System.	**Enfermedades del aparato digestivo.**																					
103. Ulcer of the stomach	Ulcera del estómago										2		2						2		2	4
104. Other affections of the stomach cancer excepted.	Otras afecciones del estómago exceptuándose el cancer.									4	1	2			2			4	3	2		9
105. Diarrhea and Enteritis (under 2 years.)	Diarrea y enteritis menores de 2 años.									1		2						1		2		3

		Americans.				Europeans.				Filipinos.				Chinese.				Total.				Grand total.
		Male.		Female.		Male.		Female.		Male.		Female.		Male.		Female.		Male.		Female.		
		Under 5 yrs.	5 yrs. and over.	Under 5 yrs.	5 yrs. and over.	Under 5 yrs.	5 yrs. and over.	Under 5 yrs.	5 yrs. and over.	Under 5 yrs.	5 yrs. and over.	Under 5 yrs.	5 yrs. and over.	Under 5 yrs.	5 yrs. and over.	Under 5 yrs.	5 yrs. and over.	Under 5 yrs.	5 yrs. and over.	Under 5 yrs.	5 yrs. and over.	
105a. Diarrhea and enteritis chronic.	Diarrea y enteritis crónicas									6	1	6			1			6	2	6		14
107. Intestinal parasites	Parásitos intestinales									1								1				1
108. Hernias, intestinal obstructions.	Hernias, obstrucciones intestinales.									1								1				1
112. Cirrhosis of the liver	Cirrosis del hígado										3				1				4			4
113. Biliary calculy	Cálculo biliar																					
114. Other affections of the liver	Otras afecciones del hígado										1				1				2			2
116. Simple peritonitis (puerperal excepted.)	Peritonitis simple (exceptuando la puerperal.									1					1			1	1			2
118. Appendicitis and abscess of the iliac fossa.	Apendicitis y flegmon de la fosa iliaca.										1								1			1
VI.	**VI.**																					
Diseases of the Genito-Urinary System and its Adnexa.	**Enfermedades del aparato gènito-urinario y de sus anexos.**																					
119. Acute nephritis	Nefritis aguda										2	1							2	1		3
120. Bright's disease	Mal de Bright														3				3			3
VII.	**VII.**																					
Puerperal State.	**Estado Puerperal.**																					
135. Puerperal hemorrhage	Hemorragia puerperal												1				1				2	2
137. Puerperal septicemia	Septicemia puerperal												1								1	1
X.	**X.**																					
Malformations.	**Vicios de conformación.**																					
150. Congenital malformations (stillbirths excepted).	Vicios de conformación congénitos (exceptuando los de niños nacidos muertos.									1		1						1		1		2
XI.	**XI.**																					
Early Infancy.	**Primera infancia.**																					
151. Congenital debility icterus and sclerema.	Debilidad congénita ictero y esclerema.					1				3		3						4		3		7
152. Other special diseases of early infancy.	Otras enfermedades especiales de la 1.ª edad.											2								2		2
XII.	**XII.**																					
Old Age.	**Vejez.**																					
154. Senile debility	Debilidad senil						1				4		6						5		6	11
XIII.	**XIII.**																					
Affections Produced by External Causes.	**Afecciones producidas por causas externas.**																					
159. Suicide by firearms	Suicidio por ama de fuego										1								1			1
160. Suicide by cutting instruments.	Suicidio por instrumento cortante.														1				1			1
166. Other accidental traumatism.	Otros accidentes traumáticos										1		1						1		1	2
167. Burns	Quemaduras por el fuego									1	1	1	1					1	1	1	1	4
172. Accidental submersion	Submersión accidental														1				1			1
173. Inanition	Inanición									1								1				1
175. Other acute poisonings	Otros envenenamientos agudos										1								1			1
	Total		2			1	2			150	97	139	79		38		3	151	139	139	82	511

Bubonic Plague, Manila, for February 1 to February 28, 1903.

	Cases.					Deaths.					Buried.	Cremated.
	Filipinos.		Chinese.		Total.	Filipinos.		Chinese.		Total.		
	M.	F.	M.	F.		M.	F.	M.	F.			
February 1 to 3		2			2		2			2	5	10
February 4 to 9		1			1							
February 10 to 11		1			1		1			1		
February 12 to 15	1		1		2							
February 16	1				1	1		1		2		
February 17 to 18	1		1		2			1		1		
February 18			2		2			1		1		
February 20			1		1	1		1		2		
February 21 to 22		1			1		1			1		
February 23 to 24			1		1	1		1		2		
February 25 to 27	1		1		2	2		1		3		
February 28	1				1							
Total	5	5	7		17	5	4	6		15	5	10

Number of Deaths with Causes Occurring Among Transients in Manila During the Month of February. These Deaths Are Not Included in Preparing Death Rate of City.

			Americans.		Foreigners.		Filipinos.		Chinese.		Total.
			M.	F.	M.	F.	M.	F.	M.	F.	
	I.	**I.**									
	General Diseases.	**Enfermedades Generales.**									
3	Relapsing fever	Fiebre recurrente					1				1
4	Intermittent fever	Fiebre intermitente					1				1
4a	Malarial cachexia	Caquexia pahidica					1				1
14	Dysentery	Disenteria					1				1
15	Plague	Peste (plaga)							1		1
19	Other epidemic affections (beri-beri)	Otras afecciones epidemicas (beri-beri					13	2			15
20	Purulent infection and septicemia	Infección purulenta y septicemia			1						1
27	Tuberculosis of lungs	Tuberculosis de los pulmones			1		1	2			4
56	Acute alcoholism, or chronic	Alcholismo, agudo y crónico					1				1
	II.	**II.**									
	Diseases of the Nervous System and the Organs of Special Sense.	**Enfermedades del Sistema Nervoso y Otros Organos de los Sentidos Especiales.**									
64	Cerebral congestion and hemorrhage	Congestion cerebral y hemorragia					1				1
71	Convulsions of children	Convulsiones infantiles					1				1
	III.	**III.**									
	Diseases of the Circulatory System.	**Enfermedades del Aparato Circulatorio.**									
79	Organic diseases of the heart	Enfermedades organicas del corazón					1				1
	IV.	**IV.**									
	Diseases of the Respiratory System.	**Enfermedades del Aparato Respiratorio.**									
90	Acute bronchitis	Bronquitis aguda					1				1
91	Chronic bronchitis	Bronquitis cronica					1				1
92	Broncho-pneumonia	Bronco-neumonia					1				1
97	Asthma	Asma					1				1
	V.	**V.**									
	Diseases of Digestive System.	**Enfermedades del Aparato Digestivo.**									
104	Other affections of the stomach (cancer excepted)	Otras efecciones del estómago (exceptuando el cancer)						1			1
113	Biliary calculi	Calculo biliar					1				1
	VI.	**VI.**									
	Diseases of the Genito-Urinary System and Its Adnexa.	**Enfermedades del Aparato Genito-Urinario y Sus Anexos.**									
120	Bright's diseases	Enfermedad de Bright					1	1	1		3
	VII.	**VII.**									
	The Puerperal State.	**Estado ó Periodo Puerperal.**									
137	Puerperal septicemia	Septicemia puerperal						1			1
	XII.	**XII.**									
	Old Age.	**Vejez.**									
154	Senile debility	Debilidad senil					2	3			5
	Affections Produced by External Causes.	**Afecciones Producidas por Causas Externas.**									
	Gun shot wounds received in action	Heridas por armas de fuego recibidas en combate	1				1				2
		Total	1		2		31	10	2		46

Bilibid Prison.

Report of Deaths During the Month of February, 1903.

	Presidio.				Carcel.				Total.	Condition.		Cemeteries.	
	Filipinos.		Chinese.		Filipinos.		Chinese.			Single.	Married.	Loma.	Chinese.
	M.	F.	M.	F.	M.	F.	M.	F.					
Beri-beri	5				4				9				
Dysentery chronic amœbic	1								1				
Tuberculosis pulmonary	1								1				
Acute bronchitis	1								1	6	9	16	1
Chronic bronchitis	1								1				
Biliary calculi	1								1				
Insterstitial nephritis						1	1		2	Unknown.			
Chronic parenchimatous nephritis	1								1	2			
Total	11				4	1	1		17	17		16	1

These deaths included in the monthly report.

Burials, February, 1903.

Cemeteries.	No.
Loma (Government)	321
Paco General (Government)	20
Santa Cruz	7
Balic-balic	71
Binondo	16
Tondo	3
Maytubig	29
Malate	19
Pandacan	20
Chinese	41
Crematory	11
Santa Ana	14
American National Cemetery	3
One body embalmed	1
Total	576

Total deaths including 19 childbirths and 46 transients in Manila.

Cases of Cholera Occurring in the City of Manila during the Month of February, 1903.

	Cases.	Recoveries.	Deaths.
Americans	0		
Filipinos	2		
Chinese	0		
Total	2		2
Per cent			100

Crematories.

Animals cremated.	February, 1903.		
	Paco.	Santa Cruz.	Total.
Birds		313	313
Carabaos	4	6	10
Cats	6	23	29
Cows	8	16	24
Chickens	132	797	929
Dogs	4	183	187
Ducks	5		5
Goats		13	13
Horses, American	13	5	18
Horses, native	47	53	100
Hogs	70	9	79
Monkeys	1	12	13
Mules	6	1	7
Rats	189	1,452	1,641
Turkeys		6	6
Total	485	2,889	3,374
Loads cremated—			
Garbage	220	6	226
Street sweepings		243	243
House refuse	535	574	1,109
Provisions, European		8	8
Flour		3	3
Biscuits		3	3
Jam, canned		14	14
Cheese		1	1
Asparagus		8	8
Beans		2	2
Total	755	862	1,617

Comparative Mortality from February 1, 1901, to February 28, 1903.

Month.	1901.		1902.		1903.	
	No. deaths.	Annual death rate per 1,000.	No. deaths.	Annual death rate per 1,000.	No. deaths.	Annual death rate per 1,000.
January	753	36.22	[2]760	30.46	602	23.47
February	689	36.69	[3]706	30.81	511	22.05
March	885	42.67	[3]770	30.02		
April	886	44.04	[3]1,327	53.46		
May	[1]903	43.44	[3]1,688	65.81		
June	[1]621	30.89	[3]1,418	57.13		
July	[2]608	28.46	[3]2,223	86.68		
August	[2]702	33.08	[3]1,712	66.75		
September	[2]767	37.25	[3]1,132	45.61		
October	[2]855	40.29	[3]927	26.14		
November	[2]848	41.29	[3]1,035	41.70		
December	[2]858	40.43	[3]753	29.36		

[1] Death rate computed on population of 244,732 (Health Department's Census), stillbirths included.
[2] Death rate computed on population of 250,000; stillbirths not included.
[3] Death rate computed on population of 302,154; stillbirths not included.

Disinterments, February, 1903.

Paco Cemetery	8
Tondo	3
Malate	2
Santa Cruz	7
Chinese	8
Loma	1
Total	29

Veterinary Division.

WILLIAM W. RICHARDS, V. S., *City Veterinarian.*
JOHN G. SLEE, D. V. S., *Asst. City Veterinarian.*

On arrival in city:	
Number of cattle inspected	2,202
Number of hogs inspected	3,856
Number of carabaos inspected	108
Number of sheep inspected	32
Number of goats inspected	49
Number of horses inspected	445
Number of other animals inspected	8
Total	6,700
In Government abattoir:	
Number of cattle slaughtered	1,783
Number of hogs slaughtered	5,091
Number of sheep slaughtered	45
Number of cattle condemned and cremated	0
Number of hogs condemned and cremated	16
Total	6,935
Number of horses condemned for glanders	3
Number of horses condemned for surra	1
Total	4

General Inspection of Houses, Premises, Vaults, etc., with Improvements Ordered, by Medical Inspectors, Chief Sanitary Inspectors and Sanitary Inspectors, for the Month of February, 1903.

1. Houses inspected by the Chief Sanitary Inspector	6,253
2. Houses reinspected for verification of work ordered	2,135
3. Houses inspected by sanitary inspectors	128,575
4. Houses reinspected by sanitary inspectors	41,518
5. Houses ordered cleaned (written)	1,087
6. Houses ordered cleaned (verbal)	24,820
7. Houses cleaned	23,138
8. Houses ordered whitewashed and painted	1,491
9. Houses whitewashed and painted	382
10. Houses disinfected	520
11. Number of houses recommended condemned and removed	22
12. Number of houses condemned and removed	17
13. Number of localities where "squatters" are located	81
14. Number of samples of water from wells sent to laboratory	2
15. Number of reports from same	2
16. Number of fire plugs opened or closed for sanitary purposes	0
17. Number of hydrants recommended reopened	0
18. Number of houses where garbage has not been removed for two days	1,152
19. Number of persons reported sick to municipal physicians	364
20. Cesspools and vaults ordered cleaned	1,684
21. Cesspools cleaned	1,222
22. Yards ordered cleaned	12,206
23. Yards cleaned	11,405
24 Yards ordered repaired (repaved, etc.)	454
25. Yards repaired	65
26. Number of cholera cases reported by sanitary inspectors	2
27. Number of cholera cases reported by Auxiliary Advisory Board	0
28. Number of cholera cases found "alive"	2
29. Number of cholera cases found "dead"	0
30. Number of orders issued during the month	545
31. Number of orders complied with during the month	191
32. Number of orders awaiting action	411
33. Number of orders pending in court	0
34. Number of food tiendas in district	860
35. Number of persons convicted for violation of food prohibition order	10
36. Average in visiting each street and barrio during month	685
37. Number of regular inspectors on duty	39
38. Number of emergency inspectors on duty	90
39. Number of leper cases sent to San Lazaro Hospital	4
40. Number of plague cases reported	15
41. Number of smallpox cases reported	7
42. Houses in which traps are set	4,704
43. Houses in which bane is placed	4,219
44. Traps set	7,775
45. Plates with rat bane placed	8,757
46. Rats caught by rat-catchers	3,351
47. Rats caught by traps	2,709
48. Rats caught by poison	637
49. Rats purchased	0
50. Rat-cachers employed	50

Monthly report of Detention Camp, San Lazaro, for February, 1903.

	Bubonic Plague.									Smallpox.								
	Americans.		Europeans.		Filipinos.		Chinese.		Total.	Americans.		Europeans.		Filipinos.		Chinese.		Total.
	M.	F.	M.	F.	M.	F.	M.	F.		M.	F.	M.	F.	M.	F.	M.	F.	
Number of contacts in detention camp at last report																		
Number of contacts received during the month					27	31	19		77					10	25	4		39
Number of contacts discharged (completing detention)					21	16	10		47					2	6	4		12
Number of contacts transferred to hospital (diseases developed)						1			1									
Number of contacts remaining in detention camp					6	14	9		29					8	19			27

Monthly Report of San Lazaro Hospital, Leper and Women's Departments, for February, 1903.

	Leper department.							Women's department.				
	Europeans.		Filipinos.		Chinese.		Total.	Americans.	Europeans.	Filipinos.	Japanese.	Total.
	M.	F.	M.	F.	M.	F.						
Number of patients in hospital at last report	0	1	111	73	0	0	185	1	7	39	19	66
Number of patients received during the month	0	0	3	1	1		5	1	30	61	88	180
Number of patients discharged cured	0	0	0	0	0	0	0	0	5	14	14	33
Number of deaths	0	0	0	0	0	0	0	0	0	0	0	0
Number of escaped	0	0	5	0	0	0	5	[1] 1	0	0	0	1
Number of patients remaining in hospital	0	1	109	74	1	0	185	1	32	86	93	212

[1] Under arrest at police headquarters.

Cholera Report, Manila, from December 1 to December 31, 1902, Inclusive.

Date.	Number of cases.										Totals.			
	Filipinos.		Chinese.		Americans.		Europeans		Others.		Cases.		Deaths.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
December 1	1	2									1	2	2	1
December 2	1	1									1	1	1	
December 3	1										1			2
December 4	1	1									1	1		
December 5	1		1								2		1	
December 6	1										1			
December 7 to 8	3						1				4		4	
December 9	2										2			
December 10		1										1	1	1
December 11 to 12		1										1		1
December 13	1										1			
December 14 to 15	2	1									2	1	3	
December 16	1										1			1
December 17		1										1		1
December 18	1	1									1	1		
December 19	1	1									1	1		
December 20	1										1			
December 21 to 22	2										2		2	
December 23	1										1			1
December 24 to 25	2	1									2	1	1	1
December 26					1						1			
December 27 to 29	1										1		1	
December 30													1	
Total	24	11	1		1		1				27	11	17	9

Per cent, 68.42. Three of above were transients.

Cholera Report, Manila, from January 1 to January 31, 1903, inclusive.

Date.	Cases.										Totals.			
	Filipinos.		Chinese.		Americans.		Europeans.		Others.		Cases.		Deaths.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
January 3	1		1								2			
January 6			1								1		1	
January 8	1										1			
January 9	1										1		1	
January 16					1						1		1	
January 22 to 29			1								1		1	
Total	3		3		1						7		4	

Per cent, 57.14.

Cholera Report, Manila, from February 1 to February 28, 1903, Inclusive.

Date.	Cases.										Totals.			
	Filipinos.		Chinese.		Americans.		Others.		Europeans.		Cases.		Deaths.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
February 25 to 28	2										2		2	
Total	2										2		2	

Per cent 100.

Daily City Smallpox Report for February, 1903.

Filipinos.

	Walled City.		Concepción.		San Miguel.		Paco.		Ermita.		Malate.		Quiapo.		Santa Cruz.		Sampaloc.		Binondo.		Tondo.		San Nicolás.		Pandacan.		Santa Ana.		Total.
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
February 1																			1										1
February 12															*1														1
February 26																					1	2							3
February 27																		1											1
February 28																1													1
Total															1	1		1	1		1	2							7

*Chinese.

Report of Cholera Occurring in Provincial Towns in the Philippine Islands, from February 1 to February 28, 1903, Inclusive.

Province.	Place.	Cases.	Deaths.
Pampanga	Bacolor	5	4
	Angeles	1	1
	San Miguel	3	2
		9	7
Batangas	Batangas	1	0
Nueva Ecija	San Isidro	1	1
	San Leonardo	11	8
	Peñaranda	10	7
	Gapang	4	4
		26	20
Zambales	Balincaguin	63	44
	Alaminos	5	5
	Alos	1	3
		69	52
Albay	Guinobatan	1	0
Camarines	Nueva Caceres	0	1
	Nabua	38	20
	Daet	8	5
		46	26
Masbate	Masbate	3	3
Leyte	Baybay	31	27
	Carigara	1	1
	Ormoc	3	3
	Población	5	5
		40	36
Surigao	Surigao	1	1
Capiz	Capiz	2	2
	Panay	43	33
	Panitan	17	13
	Jimeno	2	1
	Pontevedra	9	9
	Sigma	2	2
	Dao	5	3
	Dumarao	2	1
		82	64
Antique	Bugasong	59	45
	Patrongon	1	2
	Barbasa	11	5
	Tibac	26	26
	Valderrama	30	15
		127	93
Cebu	Cebu	7	2
	Talisay	16	10
	Paro	9	6
		32	18
Misamis	Gasaan	3	0
	Balasag	14	7
	Agusan	9	9
	Oroquieta	43	27
	Gimenez	200	42
	Loculan	172	88
	Misamis	73	52
	Cagayan	126	54
	Lagaran	22	18
		662	297
Occidental Negros	Ilog	4	3
Total		1,103	620

Province.	Per cent.	Province.	Per cent.
Pampanga	77.77	Antique	73.22
Nueva Ecija	76.92	Cebu	56.25
Zambales	75.36	Misamis	44.86
Camarines	56.52	Occidental Negros	75.00
Leyte	90.00		
Capiz	78.04	Average	56.21

Summary of the Number of Cases and Deaths from Cholera in the City of Manila from the 21st of March, 1902, to the 31st of December, 1902, Inclusive.

Months.	Cases.					Deaths.					Per cent.
	Filipinos.	Chinese.	Americans.	Europeans.	Total.	Filipinos.	Chinese.	Americans.	Europeans.	Total.	
March 21 to 31	133	5		1	139	55	5		1	61	.44
April 1 to 30	469	57	11	9	546	345	30	6	4	385	.70
May 1 to 2, 16 to 31	243	27	8	3	281	382	48	13	2	445	
June 1 to 30	521	28	13	9	571	464	15	9	1	489	.85
July 1 to 31	1,241	73	44	28	1,386	961	70	22	13	1,066	.76
August 1 to 31	584	74	37	22	717	481	74	19	13	587	.81
September 1 to 30	251	24	15	6	296	162	19	4	4	189	.63
October 1 to 31	66	11	5	3	85	47	8	1	3	59	.69
November 1 to 30	301	17	13	10	341	225	21	6	4	256	.75
December 1 to 31	35	1	1	1	38	22	1			23	.60
Total	3,844	317	147	92	4,400	3,144	291	80	45	3,560	.80

In addition to the above 91 transients in Manila between March and January.

Station A. Monthly Sanitary Report, Harbor and River, February 28, 1903.

Number of cascoes, ships and other crafts inspected	2,417
Cholera cases found on ships and other crafts	0
Cholera cases found alive	0
Cholera cases found dead	0
Dead bodies found on river and harbor	1
Cascoes etc., disinfected	0
Cascoes etc., quarantined	0
Smallpox cases found on ships and other crafts	0

Report on Vaccination, City of Manila, During the Month of February, 1903.

	Children.			Adults.			Totals.			Grand totals.
	Filipinos.	Chinese.	Americans and foreigners.	Filipinos.	Chinese.	Americans and foreigners.	Filipinos.	Chinese.	Americans and foreigners.	
Walled City	206			417	48	13	623	48	13	684
Binondo	394	19		1,360	671	4	1,754	690	4	2,448
San Nicolas	299			498	575	2	797	575	2	1,374
Tondo	683			761	331	9	1,444	331	9	1,784
Santa Cruz	699			778	39	5	1,477	39	5	1,521
Quiapo	396			822		8	1,218		8	1,226
San Miguel	315			248			563			563
Sampaloc	519			656	35	36	1,175	35	36	1,246
Paco	331			260			591			591
Ermita	187			338	35	1	525	35	1	561
Malate	364			628	3	8	992	3	8	1,003
Pandacan	113			278			391			391
Santa Ana	246			297			543			543
Total	4,752	19		7,341	1,737	86	12,093	1,756	86	13,935

RECAPITULATION.

Children	4,771
Adults	9,164
Total	13,935
Filipinos	12,093
Chinese	1,756
Americans and foreigners	86
Total	13,935

Vaccine Virus Issued During Month Ending February 28, 1903.

Chief of Vaccinators, SATURNINO ESPEJO.

	Units.
Army	9,070
Navy	500
Inhabitants of the Philippine Archipelago (excluding Manila)	125,400
Amount of vaccine virus sold to the public	95
Amount of vaccine virus sold to Departments of Civil Government	1,425
Amount of vaccine virus used by public vaccinator	29,250
Total	165,740

Philippine Weather Bureau—Manila Central Observatory. Bulletin for February, 1903. Meteorological Data Deduced from Hourly Observations.

Date.	Barometer.[1] Mean.		Temperature. Mean.		Maximum.		Minimum.		Relative humidity, mean.	Wind. Prevailing direction.	Total daily motion.		Maximum. Force.		Direction.	Sunshine.	Rainfall.	
	Inch.	mm.	°C.	°F.	°C.	°F.	°C.	°F.	Per ct.		Km.	Miles.	Km.	Miles.		H. m.	Inch.	mm.
1	29.960	760.96	27.3	81.1	32.3	90.1	22.1	71.7	71.6	SE.	240	149	24	15	SSE.	5–45	0.004	0.1
2	29.952	60.77	26.6	79.9	32.3	90.2	20.4	68.8	66.6	SE.	192	119	17	11	SSE.	9–40		
3	29.963	61.06	25.9	78.6	30.8	87.4	19.1	66.4	78.2	SW.-W.	218	135	20	12	SW.	8–50		
4	29.979	61.45	25.7	78.3	30.8	87.4	21.5	70.7	79.0	N.	233	146	17	11	NNW.	5–35	0.150	3.8
5	30.000	61.98	24.1	75.4	28.4	83.2	20.6	69.0	83.1	N.-NNE.	224	139	20	12	N.	0–45	0.028	0.7
6	30.041	63.03	24.6	76.3	28.5	83.3	20.4	68.7	69.5	NNE.-E.	182	113	20	12	E.	5–00		
7	30.098	64.48	24.6	76.3	29.4	85.0	21.8	71.3	67.0	ENE.	169	105	18	11	W.	7–30		
8	30.149	65.78	24.2	75.6	29.2	84.5	17.2	62.9	64.8	NE.	258	160	30	19	NE.	8–35		
9	30.146	65.70	24.6	76.3	29.3	84.7	19.7	67.5	64.2	NNE.-E.	270	168	27	17	N. by E.	7–10		
10	30.128	65.23	23.8	74.8	27.9	82.2	19.4	66.9	70.4	NE.-ESE.	230	143	25	16	NE.	3–25		
11	30.077	63.94	24.2	75.6	29.3	84.8	17.0	62.6	69.1	ENE.-ESE.	194	121	16	10	NNE.	9–10		
12	30.030	62.75	25.6	78.1	31.1	88.0	18.3	65.0	74.3	Variable.	203	126	18	11	W.	9–20		
13	30.026	62.66	26.2	79.2	32.2	90.0	20.4	68.7	70.9	NNE.	286	178	19	12	SW.	8–45		
14	30.065	63.62	26.0	78.8	30.6	87.1	21.8	71.3	68.9	ESE.	172	107	16	10	E.	4–45		
15	30.089	64.26	25.3	77.5	31.1	88.0	19.4	66.9	64.0	ENE.	206	128	18	11	SE.	8–35		
16	30.065	63.62	25.1	77.2	29.3	84.7	20.1	68.1	69.0	E.	182	113	17	11	E.	6–55		
17	30.069	63.76	24.8	76.6	29.1	84.3	21.0	69.8	74.2	ESE.	114	71	14	9	E.	0–00	0.032	0.8
18	30.111	64.80	24.8	76.6	29.1	84.4	21.2	70.2	73.1	Variable.	134	83	14	9	ENE.	0–45		
19	30.126	65.18	24.8	76.6	29.0	84.2	21.2	70.2	68.1	E.-N.	180	112	24	15	E.	1–55		
20	30.142	65.60	24.8	76.6	28.8	83.9	20.3	68.5	68.2	ESE.	198	123	20	12	ESE.	4–55		
21	30.135	65.43	23.6	74.5	28.1	82.5	18.3	64.9	66.6	E.	202	126	20	12	E.	6–30		
22	30.142	65.61	23.4	74.1	29.2	84.6	18.1	64.5	65.9	NE.	163	101	24	15	NE.	4–45		
23	30.159	66.03	23.2	73.8	27.1	80.7	19.6	67.2	70.6	E.	229	142	24	15	E.	2–40	0.138	3.5
24	30.142	65.59	23.2	73.8	28.2	82.7	18.4	65.1	65.1	E.	248	154	25	16	E.	4–20		
25	30.067	63.70	23.2	73.8	27.9	82.3	16.3	61.4	68.9	NE.-E.	248	154	22	14	E.	3–55		
26	30.043	63.08	24.2	75.6	30.7	87.3	17.5	63.5	66.9	SE.	230	143	24	15	SE.	7–00		
27	29.967	61.15	25.3	77.5	29.7	85.5	20.3	68.5	67.6	ESE.-W.	187	116	20	12	W.	5–00		
28	29.940	60.45	25.0	77.0	31.4	88.5	17.2	62.9	71.1	SE.	276	172	22	14	WNW.	7–55		
Mean	30.065	763.63	24.8	76.6	29.7	85.4	19.6	67.3	69.9		209.6	130.2	20.5	12.8		5–42		
Total											5868	3646				159–25	0.352	8.9

[1] Corrected for instrumental error and for temperature and reduced to sea level. Correction to standard gravity, —1.72mm (—0.068 inch).

Report of Sick and Wounded City Poor Attended by Municipal Physicians During the Month of February, 1903.

		Sex.				Nationality. Filipinos.		Chinese.		Foreigners.		Americans.		Total.	Cured.		Deaths.		Number of visits.
		M.	F.	Boys.	Girls.	M.	F.	M.	F.	M.	F.	M.	F.		M.	F.	M.	F.	
R. Perramon	Walled City	10	19	7	7	17	26							43	10	14	2	1	131
	Concepcion		2	1	3	1	5							6	1	3			27
	San Miguel	4	4		4	4	8							12	1	2		4	44
C. Mora	Paco	18	16	6	4	24	20							44	8	5	7	4	164
	Ermita		2		1		3							3		1		1	12
	Malate	6	4	2	1	8	5							13	4		1	1	46
C. Reyes	Quiapo	6	4	2	2	8	6							14	8	4	1	1	90
	Santa Cruz	8	8	3	2	11	10	1						22	9	8			142
F. Castañeda	Sampaloc	21	28	9	7	30	35							65	15	25	4	2	170
S. V. del Rosario	Binondo	2	2	3	1	5	3							8			3	1	25
V. Pantoja	Tondo	17	9	8	3	25	12	1		1				39	8	4	6	1	105
V. Cavanna	San Nicolas	8	7	5	4	13	11							24	7	5	3	3	117
C. Victorino	Pandacan	5	5			5	5							10	3	5	1		25
	Santa Ana	1	3		1	1	4							5	1	4			14
Total		106	113	46	40	152	153	2		1				308	75	80	28	19	1,112

Report from the Bureau of Government Laboratories, for the Month of February, 1903.

Analyses.

Artificial Fertilizers	1
Glycerines	2
Palm Nuts	1
Waters	15
Mex dollars	2
Medicines	1
Urines	9
Salt waters	1
Salt	2
Soils	3
Alloys	1
Lemonades	4
Lard Oils	1
Cherry juice	1
Minerals	1
Arsenic	1
Gastric juice	1
Washing earth	1
Total	48

Clinical Examinations.

	Pos.	Neg.	Total.
Sputa			21
Tuberculosis	2		
Pneumococcus	7		
Smears for Gonococci	423	252	675
Feces			70
Amœbæ dysenteriæ	11		
Amœbæ coli	6		
Monads	9		
Ova trichocephalus dispar	9		
Uncinaria duodenale	5		
Ascaris lumbricoides	5		
Blood examinations			47
Malaria	0	19	
Leucocytes	22		
Erythrocytes	14		
Agglutination tests with b. typhosus	0	5	
Surra	2	2	
Microscopical Examination of urine			9
Rats for Plague	3	121	124
Miscellaneous			9
Necropsies			18
Total			973

During the month 235 capsules and 600 grams of acetozone were distributed.

Reports Received of Lepers Living in the Various Provinces of the Philippine Islands, to February 28, 1903.

Province.	Number of men.	Number of women.	Children. M.	Children. F.	Single. M.	Single. F.	Married. M.	Married. F.	Widower.	Widow.	Race.	Total.
Antique	92	37	2	2	38	28	42	4	12	5	Filipinos	133
Batangas	19	5			12	3	3	3	3		do	24
Bataan	10	4	1	1	5		3	2	2	2	do	16
Benguet	31	10	1	1	1		21	10	9		Igorrotes	43
Ambos Camarines	33	17	1	1	24	12	8	5	1		Filipinos	52
Bulacan	17	9	2	1	12	6	5	3			do	29
Ilocos Norte	45	28	5	2	9	10	31	8	5	10	do	80
Ilocos Sur	176	84	4	2	101	50	66	17	14	12	do	266
Leyte	49	38	1	3	26	27	20	7	3	4	do	91
Masbate	51	35	25	10	22	15	23	19	2	5	do	121
Cagayan	46	30		3	20	10	20	19	6	1	do	79
Lepanto	14	4	1		5	1	8		1	3	do	19
Cavite	17	5		3	16	3	1			2	do	25
Nueva Ecija	44	24			19	12	22	8	2	5	do	68
Negros Occidental	26	11	5	1	17	10	8	1	1		do	43
Pampanga	8	5	2		3	1	5	3	1		do	15
Pangasinan	120	80	2	3	36	28	65	38	19	14	do	205
Rizal	41	24	2		19	12	21	7	3	3	do	67
Marinduque	1	1	1			1	1				do	3
Laguna	1						1				do	1
San Lazaro	95	67	18	8	62	36	25	16	8	15	do	188
Tarlac	27	24	11	4	7	9	17	11	2	5	do	66
Sorsogon	75	33	1	1	33	17	40	10	3	5	do	110
Romblon	5	10			3	6	2	3	1		do	15
Samar	39	32	13	8	17	9	21	18	3	3	do	92
Union	43	28	3		15	14	24	12	4	2	do	74
Zambales	58	35	2		30	15	26	13	4	5	do	95
Mindanao	140	74	3	3	84	46	45	18	9	12	Moros	220
Cebú	171	89	5	4	136	64	33	21	3	3	Filipinos	269
Iloilo	231	66	11	2	113	37	94	9	24	20	do	310
Negros Oriental	66	42	6	2	27	23	32	14	7	5	do	116
Isabela de Luzon	18	4	1		3	1	10	3	5		do	23
Tayabas	1								1		do	1
Albay	68	33	1	1	30	18	27	10	11	5	do	103
Nueva Vizcaya	13	12	2		7	3	4	6	2	3	do	27
Abra	11	6			5	4	5	2	1		do	17
Bohol	46	46	5	1	20	19	27	17	3	6	do	98
Capiz	44	33	19	9	26	24	13	12	1	1	do	105
Total	1,992	1,085	156	76	1,003	574	819	349	175	157		3,309

Province of Ilocos Sur.—Statistical Report of Cases and Deaths from Cholera, 1902.

Place.	July.		August.		September.		October.		November.		December.		Total.		Remarks.
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	
Vigan	728	596	569	447	43	41	10	7					1,350	1,091	From July 12 to Oct. 11
Santa Catalina	114	71	179	118	37	27							330	216	From July 18 to Sept. 30
San Vicente	134	90	235	151	21	12	5	3					395	256	From July 18 to Oct. 9
Bantay	211	96	104	82	7	6	2	2					324	186	From July 12 to Oct. 6
San Ildefonso	16	1	51	50			1	1					68	65	From July 17 to Oct. 4
Santo Domingo	96	92	417	328	7	7							520	427	From July 10 to Sept. 1
Magsingal	7	5	134	92	25	24	3	2					169	123	From July 18 to Oct. 5
Lapo	168	44	482	246									650	290	From July 28 to Sept. 1
Cabugao	255	171	323	247									578	418	From July 17 to Sept. 1
Sinait	92	63	485	247	8	6							585	416	From July 26 to Sept. 6
Caoayan	301	183	385	188									686	371	From July 18 to Sept. 24
Santa	602	212	675	226	699	253							1,976	691	From July 23 to Sept. 17
Narvacan	486	401	228	217									714	618	From July 17 to Sept. 6
Santa Maria	347	284	366	253									713	537	From July 17 to Aug. 31
Nueva Coveta	33	23	119	58									152	81	From July 26 to Aug. 25
San Esteban	95	44	68	32									163	76	From July 9 to Aug. 28
Santiago	5	5	164	143	36	13							205	161	From July 28 to Sept. 25
Candon			1,069	678			21	5					1,090	683	From Aug. 2 to Oct. 12
Salcedo			28	11	39	28							67	39	From Aug. 22 to Oct. 1
Santa Lucia			629	302	138	88	10	8					777	398	From Aug. 10 to Oct. 18
Santa Cruz			278	180	104	69							382	249	From Aug. 3 to Oct. 1
San José			50	48	78	27							128	75	From Aug. 5 to Sept. 15
Sevilla			19	19	33	22							52	46	From Aug. 7 to Oct. 3
Tagudin			1		276	149	37	27					314	176	From Aug. 26 to Oct. 18
Total	3,690	2,424	7,058	4,463	1,551	777	89	55					12,388	7,689	

Per cent, 62.06.

Statistical Report of Births in Province of Ilocos Sur the Last Half of 1902.

Place.	July.		August.		September.		October.		November.		December.		Total.		Grand Total.
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	
Vigan	12	16	20	20	31	10	17	22	20	18	16	20	116	106	222
Santa Catalina	19	4	14	10	8	14	11	9	20	13	13	12	84	62	146
San Vicente	10	6	14	12	10	15	13	5	15	5	8	8	70	51	121
Bantay	13	15	10	9	15	11	19	5	24	9	14	9	95	58	153
San Ildefonso	4	3	2	1	3	1	3	4	2	4	4	1	18	14	32
Santo Domingo	29	23	17	17	12	30	21	18	25	26	16	24	120	138	258
Magsingal	14	13	13	20	15	14	14	11	15	12	13	10	84	80	164
Lapo	10	11	17	19	13	12	12	6	12	12	10	13	74	73	147
Cabugao	16	16	27	27	14	15	23	12	18	17	20	15	118	103	221
Sinait	24	11	22	21	19	9	24	21	26	21	23	17	138	100	238
Caoayan	20	7	13	7	2		6	8	13	7	18	3	72	32	104
Santa	21	21	23	13	19	11	21	34	28	23	18	12	130	114	244
Narvacan	47	48	45	22	20	27	42	36	48	37	52	54	254	224	478
Santa Maria	44	16	19	14	25	20	30	16	27	32	16	25	161	123	284
Nueva Coveta	1		2		5	5	4	2	4	2	4	2	20	11	31
San Esteban	3	9	9	4	5	5	7	2	8	8	6	3	38	31	69
Santiago	8	15	6	12	6	3	3	1	5	9	7	9	35	49	84
Candon	38	42	30	28	41	23	44	34	29	15	22	18	204	160	364
Salcedo	2			1	4	4	2	1	1	1			9	7	16
Santa Lucia	40	16	7	11	18	16	16	17	25	22	26	20	132	102	234
Santa Cruz	13	12	17	9	13	15	13	15	16	8	11	11	83	70	153
San José	7	5	2		5	3	5		1	3	1	1	21	12	33
Sevilla	1	3			3	3			2	1			6	7	13
Tagudin	18	16	13	19	24	16	24	15	12	12	26	25	117	103	220
Total	414	328	342	296	330	283	374	294	396	317	344	312	2,199	1,830	4,029

Average, 53.20.

Marriage Statistics in Province of Ilocos Sur During the Last Half of 1902.

Place.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.		July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
Vigan	19	1	5	12	31	1	69	Santa Maria	7		1	3	3		14
Santa Catalina			1	2	8		11	Nueva Coveta	1						1
San Vicente	4		1	4	5		14	San Esteban	3	3	1	1	1		9
Bantay	4		3	4	6		17	Santiago				1	1		2
San Ildefonso	1		1	2	5		9	Candon	12	4		2	6		24
Santo Domingo	9	3	6	4	6		28	Salcedo							
Magsingal				4	3		7	Santa Lucia	5	1	1		6		13
Lapo	3		1		12		16	Santa Cruz	3		1	1	1		6
Cabugao	3			2	2		7	San José							
Sinait	7		1	3			11	Sevilla	1					1	2
Caoayan	11		1	1	16		29	Tagudin	5		1	1	4		11
Santa	5		6	5	16		32								
Narvacan	8	2					10	Total	111	14	31	52	132	2	342

Statistics of Deaths in Province of Ilocos Sur During the Last Half of 1902.

Place.	July.		Aug.		Sept.		Oct.		Nov.		Dec.		Total.		Grand Total.
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	
Vigan	332	300	283	249	45	59	18	15	13	16	18	15	709	654	1,363
Santa Catalina	64	75	85	69	14	20	5	6	7	6	12	7	187	183	370
San Vicente	77	64	125	103	11	16	10	6	6	5	6	3	235	197	432
Bantay	100	80	102	108	12	11	6	8	1	6	5	4	226	217	443
San Ildefonso	13	15	22	25	5	4	2	3	4	2	1	2	47	51	98
Santo Domingo	62	53	179	154	9	3	14	3	4	8	5	14	273	235	508
Magsingal	30	17	71	65	19	41	8	7	5	8	8	11	141	149	290
Lapo	59	40	111	132	5	14	6	11	9	6	10	4	200	207	407
Cabugao	114	82	171	126	13	16	7	3	7	5	11	16	323	248	571
Sinait	61	37	196	165	34	35	11	4	5	9	4	4	311	254	565
Caoayan	101	100	97	94	28	16	4	2		3	4	3	234	218	452
Santa	143	128	144	137	24	25	11	11	12	4	7	11	341	316	657
Narvacan	267	199	255	202	13	9	17	15	17	17	17	13	586	455	1,041
Santa Maria	184	152	147	122	16	14	12	7	13	9	12	9	384	313	697
Nueva Coveta	18	12	32	26	3	2			2	2	3	1	58	43	101
San Esteban	63	37	21	20	7	6	3	2	6	1	1	1	101	71	172
Santiago	11	7	71	74	10	9	2	4	1	5	3	2	98	101	199
Candon	31	19	412	282	66	62	17	8	5	19	6	8	537	398	935
Salcedo	6	8	4	4	25	14	3	3	1				39	29	68
Santa Lucia	23	18	156	150	38	44	11	22	3	5	8	7	239	246	485
Santa Cruz	11	11	119	78	44	52	12	18	5	4	5	5	196	168	364
San José	3		35	12	20	8				1	2		60	21	81
Sevilla		3	12	10	19	18	2	1		2	1		34	34	68
Tagudin	15	11	20	34	62	67	29	26	8	6	3	9	137	153	290
Total	1,788	1,468	2,870	2,441	542	555	210	185	134	149	152	153	5,696	4,961	10,657

Population, 151,462. Average, 140.72.

Report of Vaccination in Ilocos Sur During the Last Half of 1902.

Place.	July.		August.		September.		October.		November.		December.						Grand total.
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	
Vigan									164	140	78	48	242	188	108	22	430
Santa Catalina											21	23	21	23	24	20	44
San Vicente											27	15	27	15	42		42
Bantay									16	23	28	14	44	37	42	39	81
San Ildefonso											14	7	14	7	21		21
Santo Domingo									20	20			20	20		40	40
Magsingal											11	15	11	15		26	26
Lapo									62	18	25	21	87	39	83	43	126
Cabugao									40	32	22	6	62	38	80	20	100
Sinait											38	33	38	33	61	10	71
Caoayan											20	13	20	13	26	7	33
Santa											20	17	20	17	19	18	37
Narvacan											16	17	16	17	22	11	33
Santa Maria																	
Nueva Coveta																	
San Esteban																	
Santiago																	
Candon	101	77											101	77	64	114	178
Salcedo																	
Santa Lucia	32	8											32	8	40		40
Santa Cruz																	
San José																	
Sevilla																	
Tagudin	3	4									11	3	14	7	21		21
Total	136	89							302	233	331	232	769	554	953	370	1,323

MONTHLY REPORT

OF THE

Board of Health for the Philippine Islands

AND

CITY OF MANILA.

MARCH, 1903.

TO THE HON. DEAN C. WORCESTER, SECRETARY OF THE INTERIOR.

BOARD OF HEALTH.

MAJOR E. C. CARTER, M. D., U. S. Army,
Commissioner of Public Health.

T. R. MARSHALL, M. D., U. S. Vols.,
Chief Health Inspector.

H. D. OSGOOD, B. S.,
Sanitary Engineer.

P. C. FREER, M. D., Ph. D.,
Superintendent of Government Laboratories.

MANUEL GOMEZ MARTINEZ, M. D.,
Secretary.

MANILA:
BUREAU OF PUBLIC PRINTING.
1903.

5556

LETTER OF TRANSMITTAL.

DEPARTMENT OF THE INTERIOR, BUREAU OF PUBLIC HEALTH FOR PHILIPPINES,
Office of the Commissioner, Manila, May 20, 1903.

SIR: I have the honor to transmit herewith the report of the Board of Health for the Philippine Islands and City of Manila for the month of March, 1903.

Your attention is especially invited to the gratifying and progressive decrease in the death rate for Manila, as shown by comparison of the vital statistics for the first three months of each of the past four years. Figured for each month on a basis of the deaths which would occur at the existing rate in each 1,000 population for one year, the figures are as follows:

Month.	Annual death rate per 1,000.			
	1900.	1901.	1902.	1903.
January	50.65	36.22	30.16	23.46
February	47.08	36.69	30.81	22.05
March	42.67	42.67	30.02	21.01
Average annual death rate for period compared	46.80	38.19	30.33	22.17

These figures show that so far during the present year, the Manila death rate is less than half what it was for the same period four years ago; and that, based on present estimates of population, 302,154, the number of lives which may be expected to be saved in 1903, judging from the three months already past, as compared with the year 1900, will amount to no less than 7,442.

During the first quarter of the present year, the death rate has been reduced by 27 per cent over the rate existing for the same period twelve months previously. This latest improvement has been accomplished in spite of the fact that Asiatic cholera and bubonic plague had both previously gained a foothold in the Islands, and that the existence of a largely unvaccinated population in the provinces meant a constant introduction of smallpox into the city. Cases of plague, cholera, and smallpox have occurred in Manila in each of the above months of the present year, but the precautions taken by the Board of Health have prevented any epidemic outbreak as a result of these cases.

The sanitary results attained in the past four years through American control have been accomplished despite the naturally insalubrious location of Manila, and its total lack of sanitation under the former sovereignty, which—from the level site interfering with drainage, the many foul canals ramifying the city, the absence of any sewerage system, and the existence of an impure and insufficient water supply and many old, unhealthful habitations—have created sanitary problems of the greatest difficulty. The Board of Health has therefore been unable to turn previously existing methods and conditions to sanitary advantage; and has found it necessary not only to develop entirely new plans of improvement but at the same time to combat the results of conditions inherited from the Spanish administration.

The mixed character of the inhabitants, with their prejudices, superstitions, and largely primitive habits of life, has also been a constant obstacle to sanitary work; as evidence of which it may be mentioned that circulars of the Board of Health are necessarily published in the English, Spanish, Tagalog, and Chinese languages.

Your attention is invited to the fact that the present rate of annual mortality in Manila, 22.17, is lower than that of many cities not commonly regarded as unhealthful, situated in the United States and elsewhere, according to the best information in the possession of the Board of Health, viz:

City.	Year.	Annual death rate per 1,000 population.	City.	Year.	Annual death rate per 1,000 population.
Washington, D. C	1900	22.80	Charleston, S. C	1900	34.94
New Orleans, La	1900	24.74	46 towns, Island of Porto Rico	1902	27.40
Atlanta, Ga	1900	23.01	Honolulu, H. I	1902	25.59
Memphis, Tenn	1900	25.10	Liverpool, England	1899	24.33
San Antonio, Tex	1900	27.01			

In the absence of printed data on the subject, this office is informed by the chief quarantine officer for the Philippine Islands, who was stationed for two years on duty at Naples, Italy, that the present mortality rate for Naples is about 26 per 1,000; for Marseilles, France, about 27 per 1,000, and for Madrid, Spain, about 30 per 1,000.

The death rate of Manila, so far during the present year, can also compare not unfavorably with those of many representative cities throughout the world, which possess all modern sanitary conveniences, a long-established government, and a more highly educated population, viz:

City.	Year.	Annual death rate per 1,000 population.	City.	Year.	Annual death rate per 1,000 population.
Jersey City, N. J	1900	20.70	Boston, Mass	1899	20.12
Providence, R. I	1900	19.90	Glasgow, Scotland	1899	21.56
San Francisco, Cal	1900	20.50	Paris, France	1899	20.11
Baltimore, Md	1900	19.77	Vienna, Austria	1899	20.53
New York, N. Y	1900	19.01	Havana, Cuba	1901	22.11

Very respectfully,

E. C. CARTER,
Major and Surgeon, U. S. A.,
Commissioner of Public Health.

To the Honorable the SECRETARY OF THE INTERIOR,
Manila, P. I.

Population of Manila.

Filipinos	223,900
Chinese	60,680
Foreigners	7,852
Americans	9,722
Total	302,154

Deaths Occurring During the Month of March.

Filipinos	476
Chinese	54
Foreigners	4
Americans	5
Total	539

Annual Death Rate per Thousand for the Month.

Filipinos	25.04
Chinese	10.48
Foreigners	6.00
Americans	6.06
Average	21.01

Births Reported in March.

Filipinos	296
Chinese	6
Foreigners	6
Americans	5
Total	313

Annual Birth Rate per Thousand for the Month.

Filipinos	15.57
Chinese	1.16
Foreigners	9.00
Americans	6.06
Average	12.20

Summary of Statistics of Births and Deaths.

Population, census estimated, Health Department	302,154
Mortality for the month of March	539
Annual death rate per 1,000 for month of March	21.01
*Births reported	313
Annual birth rate (based on reports)	12.20

*Incomplete.

Deaths by Age.

Under 30 days	67
30 days to 1 year	167
1 year to 2 years	27
2 years to 5 years	18
5 years to 10 years	12
10 years to 15 years	7
15 years to 20 years	22
20 years to 25 years	32
25 years to 30 years	29
30 years to 40 years	54
40 years to 50 years	36
50 years to 60 years	40
60 years to 70 years	19
70 years to 80 years	16
80 years to 90 years	11
90 years to 100 years	7
100 years to 111 years	1
130 years to 140 years	
Unknown	2
Total	567

Stillbirths, 25.

Deaths by Districts.

Walled City	31
Binondo	38
San Nicolas	59
Tondo	158
Santa Cruz	60
Quiapo	32
Sampaloc	52
San Miguel	20
Paco	30
Ermita	14
Malate	21
Pandacan	14
Transient residents	28
Santa Ana	8
Unknown	2
Total	567

In addition to the above there were 25 stillbirths.

Number of deaths with medical attendance	299
Number of deaths without medical attendance	268
Total	567

25 of above were stillbirths.

A Classified Report of all Deaths Occurring in Manila During the Month of March, 1903.

Males.

Married	62
Widower	15
Single	90
Boys	173
Condition not stated in certificate	15
Total	355

Females.

Married	49
Widows	27
Single	18
Girls	116
Condition not stated in certificate	2
Stillbirths	25
Total	237
Grand Total	592

Of the grand total of 592 deaths, 28 were those of transients, while 539 were permanent residents of Manila and 25 were stillbirths.

CAUSES OF DEATHS FOR THE MONTH OF MARCH, 1903.

(STILLBIRTHS NOT INCLUDED.)

	NOMENCLATURE DESIGNED FOR THE STATISTICS OF DEATH.	NOMENCLATURA PARA LAS ESTADÍSTICAS DE DEFUNCIONES.	Americans. M.	Americans. F.	Europeans. M.	Europeans. F.	Filipinos. M.	Filipinos. F.	Chinese. M.	Chinese. F.	Total.
	I. General Diseases.	**I. Enfermedades Generales.**									
1	Typhoid fever (abdominal typhus)	Fiebre tifoidea			1		3	1	1		6
2	Exanthematic typhus	Tifus exantemático									
3	Recurrent fever	Fiebre recurrente									
4	Intermittent fever, and malarial cachexia	Fiebre intermitente					8	8	4		20
4a	Malarial cachexia	Caquexia palúdica					1	4	1		6
5	Variola	Viruelas	1					2			3
6	Measles	Sarampión									
7	Scarlatina	Escarlatina									
8	Whooping cough	Tos ferina						1			1
9	Diphtheria and croup	Difteria y crup									
9a	Diphtheria	Difteria									
10	Grippe	Gripe									
11	Miliary fever	Fiebre miliar									
12	Asiatic cholera	Cólera asiático					4	2			6
13	Cholera, nostras	Cólera nostras									
14	Dysentery	Disentería					6	8	6		20
14a	Epidemic dysentery	Disentería epidémica					8	7	18		33
15	Plague	Peste									
16	Yellow fever	Fiebre amarilla									
17	Leprosy	Lepra									
18	Erysipelas	Erisipelas									
19	Other epidemic affections (beri-beri)	Otras afecciones epidémicas (beri-beri)					6	8	3		17
20	Purulent infection and septicæmia	Infección purulenta y septicemia					1				1
21	Glanders and farcy	Muermo y lamparones									
22	Malignant pustule and anthrax	Pústula maligna y antrax					2				2
23	Rabies	Rabia									
24	Actinomycosis, trichinosis, etc	Actinomicosis, trichinosis, etc									
25	Pellagra	Pelagra									
26	Tuberculosis of larynx	Tuberculosis de la laringe					1	2			3
27	Tuberculosis of lungs	Tuberculosis del pulmón					29	12	7		48
28	Tuberculosis of meninges	Tuberculosis de las meninges							1		1
29	Tuberculosis of abdomen	Tuberculosis abdominal					1	3			4
30	Pott's disease	Mal de Pott									
31	Cold abscess and abscess by congestion	Abscesos fríos y por congestión									
32	White swellings	Tumores blancos									
33	Tuberculosis of other organs	Tuberculosis de otros órganos					2				2
34	Generalized tuberculosis	Tuberculosis generalizada									
35	Scrofula	Escrófula						1			1
36	Syphilis	Sífilis							1		1
37	Gonorrhea of the adult	Blenorragia en los adultos					1				1
38	Gonococcic infections of children	Afecciones gonocócicas en los niños									
39	Cancer and other malignant tumors of the bucal cavity.	Cáncer ú otros tumores malignos en la cavidad bucal						1			1
40	Cancer and other malignant tumors of the stomach and liver.	Cáncer ú otros tumores malignos del estómago é hígado.									
41	Cancer and other malignant tumors of peritoneum, intestines and rectum	Cáncer ú otros tumores malignos del peritoneo, intestinos y recto.									
42	Cancer and other malignant tumors of the female genitals.	Cáncer ú otros tumores malignos de los órganos genitales de la mujer.									
43	Cancer and other malignant tumors of the breast	Cáncer ú otros tumores malignos de la mama									
44	Cancer and other malignant tumors of the skin	Cáncer ú otros tumores malignos de la piel									
45	Cancer and other malignant tumors of other organs and organs not specified.	Cáncer ú otros tumores malignos en otros órganos									
46	Other tumors (tumors of the female genitals excepted)	Otros tumores (exceptuándose los de los órganos genitales de la mujer).									
47	Acute articular rheumatism	Reumatismo articular agudo					1				1
48	Chronic rheumatism, and gout	Reumatismo crónico y gota									
49	Scurvy	Escorbuto									
50	Diabetes	Diabetes									
51	Exophthalmic goiter	Bocio exoftálmico									
52	Addisson's disease	Enfermedad broncada de Addison									
53	Leukæmia	Leucemia									
54	Anæmia, chlorosis	Anemia, clorosis	1		1		1				3
55	Other general diseases	Otras enfermedades generales									
56	Acute alcoholism or chronic	Alcoholismo agudo ó crónico									
57	Lead-poisoning	Saturnismo									
58	Other poisonings incident to occupations	Otras intoxicaciones profesionales crónicas									
59	Other chronic poisonings	Otros envenenamientos crónicos									
	II. Diseases of the Nervous System and the Organs of Special Sense.	**II. Enfermedades del Sistema Nervioso y de los Organos de los Sentidos.**									
60	Encephalitis	Encefalitis					1				1
61	Simple meningitis	Meningitis simple					9	8			17
61a	Epidemic cerebro-spinal, meningitis	Meningitis cérebro-espinal epidémica					1				1
62	Progressive locomotor ataxia	Ataxia locomotriz progresiva									
63	Other diseases of the spinal cord	Otras enfermedades de la médula espinal					9	3			12
64	Cerebral congestion and hemorrhage	Congestión y hemorragia cerebrales									
65	Cerebral softening	Reblandecimiento cerebral									
66	Paralysis without apparent cause	Parálisis sin indicación de causa									
67	General paralysis	Parálisis generales									

	NOMENCLATURE DESIGNED FOR THE STATISTICS OF DEATH.	NOMENCLATURA PARA LAS ESTADÍSTICAS DE DEFUNCIONES.	Americans. M.	Americans. F.	Europeans. M.	Europeans. F.	Filipinos. M.	Filipinos. F.	Chinese. M.	Chinese. F.	Total.
	II. Diseases of the Nervous System and the Organs of Special Sense—Cont'd.	**II.—Enfermedades del Sistema Nervioso y de los Organos de los Sentidos—Cont'd.**									
68	Other forms of insanity	Otras formas de alienación mental									
69	Epilepsy	Epilepsia									
70	Eclampsia (nonpuerperal)	Eclampsia (no puerperal)					24	15			39
71	Convulsions of children	Convulsiones en los niños				1	81	43			125
72	Tetanus	Tétano					6	5			11
73	Chorea	Corea									
74	Other diseases of the nervous system	Otras enfermedades del sistema nervioso					2				2
75	Diseases of the eye and its adnexa	Enfermedades de ojos y sus anexos									
76	Diseases of the ear	Enfermedades de los oídos									
	III. Diseases of the Circulatory System.	**III. Enfermedades del Aparato Circulatorio.**									
77	Pericarditis	Pericarditis									
78	Acute endocarditis	Endocarditis aguda					3				3
79	Organic disease of the heart	Enfermedades orgánicas del corazón					2	6	1		9
80	Angina pectoris	Angina de pecho					1	2			3
81	Affections of the arteries (atheroma, aneurism, etc.)	Afecciones de las arterias, etc					1				1
82	Embolus and thrombosis	Embolia y trombosis						2			2
83	Affections of the veins (varices, hemorrhoides, phlebitis).	Afecciones de las venas									
84	Affections of the lymphatic system (lymphangitis, etc.).	Afecciones del sistema linfático									
85	Hemorrhages	Hemorragias									
86	Other affections of the circulatory system	Otras afecciones del aparato circulatorio									
	IV. Diseases of the Respiratory System.	**IV. Enfermedades del Aparato Respiratorio.**									
87	Diseases of the nasal fossæ	Enfermedades de las fosas nasales									
88	Affections of the larynx	Afecciones de la laringe					2	1			3
89	Affections of the thyroid body	Afecciones del cuerpo tiroideo									
90	Acute bronchitis	Bronquitis aguda			1		12	10		1	24
91	Chronic bronchitis	Bronquitis crónica					12	5			17
92	Broncho-pneumonia	Bronco-pneumonia					1	1			2
93	Pneumonia	Pneumonía									
94	Pleurisy	Pleuresía									
95	Pulmonary congestion and apoplexy	Congestion y apoplegia pulmonares					1	2			3
96	Gangrene of the lungs	Gangrena del pulmón									
97	Asthma	Asma					1	1	1		3
98	Pulmonary emphysema	Enfisema pulmonar									
99	Other diseases of the respiratory system (phthisis excepted).	Otras enfermedades del aparato respiratorio (exceptuándose la tísis).					1				1
	V. Diseases of Digestive System.	**V. Enfermedades del Aparato Digestivo.**									
100	Affections of the mouth and its adnexa	Afecciones de la boca y de sus anexos									
101	Affections of the pharynx	Afecciones de la faringe									
102	Affections of the esophagus	Afecciones del esófago							1		1
103	Ulcer of the stomach	Ulcera del estómago									
104	Other affections of the stomach (cancer excepted)	Otras afecciones del estómago (exceptuándose el cáncer).					2	1			3
105	Diarrhea and enteritis (under two years)	Diarrea y enteritis (en niños menores de 2 años)		1			2			1	4
105a	Chronic diarrhea and enteritis	Diarrea y enteritis crónica					7	6	1		14
106	Diarrhea and enteritis (two years and over)	Diarrea y enteritis (en niños de 2 ó más años)									
107	Intestinal parasites	Parásitos intestinales					2	1			3
108	Hernias; intestinal obstructions	Hernias; obstrucciones intestinales					2	1			3
109	Other affections of the intestines	Otras afecciones del intestino									
110	Acute yellow atrophy of the liver	Ictericia grave									
111	Hydatid tumors of the liver	Tumores hidátidicos del hígado									
112	Cirrhosis of the liver	Cirrosis del hígado					3	1			4
113	Biliary calculi	Cálculos biliares					1				1
114	Other affections of the liver	Otras afecciones del hígado									
115	Affections of the spleen	Afecciones del bazo									
116	Simple peritonitis (puerperal excepted)	Peritonitis simple (exceptuándose la puerperal)									
117	Other affections of the digestive system (cancer and tuberculosis excepted).	Otras afecciones del aparato digestivo (exceptuándose el cáncer y tuberculosis).									
118	Appendicitis and abscess of the iliac fossa	Apendicitis y flemón de la fosa iliaca					1				1
	VI. Diseases of the Genito-Urinary System and its Adnexa.	**VI. Enfermedades del Aparato Génito Urinario y de sus Anexos.**									
119	Acute nephritis	Nefritis aguda									
120	Bright's disease	Mal de Bright						1			1
121	Other diseases of the kidneys and their adnexa	Otras enfermedades de los riñones y de sus anexos									
122	Calculi of the urinary tract	Cálculos de las vías urinarias									
123	Diseases of the bladder	Enfermedades de la vegiga					1				1
124	Diseases of the urethra, urinary abscess, etc	Enfermedades de la uretra									
125	Diseases of the prostate	Enfermedades de la próstata									
126	Nonvenereal diseases of the male genital organs	Enfermedades no venereas de los órganos genitales del hombre.									
127	Metritis	Metritis									
128	Uterine hemorrhage (nonpuerperal)	Hemorragia uterina (no puerperal)						1			1
129	Tumor, uterine (noncancerous)	Tumor uterino (no canceroso)									
130	Other diseases of the uterus	Otras enfermedades del útero									
131	Cysts and other tumors of the ovary	Quistes y otros tumores del ovario									
132	Other diseases of the female genital organs	Otras enfermedades de los organos genitales de la mujer.									
133	Nonpuerperal diseases of the breast (cancer excepted).	Enfermedades no puerperales de la mama (exceptuándose el cáncer).									

	NOMENCLATURE DESIGNED FOR THE STATISTICS OF DEATH.	NOMENCLATURA PARA LAS ESTADÍSTICAS DE DEFUNCIONES.	Americans. M.	Americans. F.	Europeans. M.	Europeans. F.	Filipinos. M.	Filipinos. F.	Chinese. M.	Chinese. F.	Total.
	VII.	**VII.**									
	The Puerperal State.	**Estado Puerperal.**									
134	Accidents of pregnancy	Accidentes de la preñez									
135	Puerperal hemorrhage	Hemorragia puerperal					1				1
136	Other accidents of labor	Otros accidentes del parto									
137	Puerperal septicæmia	Septicemia puerperal					3				3
138	Albuminuria and puerperal eclampsia	Albuminuria y eclampsia puerperales					1				1
139	Puerperal phlegmasia alba dolens	Flegmasia alba dolens puerperal									
140	Other puerperal accidents—sudden death	Otros accidentes puerperales—muerte repentina									
141	Puerperal diseases of the breast	Enfermedades puerperales de la mama									
	VIII.	**VIII.**									
	Diseases of the Skin and Cellular Tissue.	**Enfermedades de la Piel y del Tejido Celular.**									
142	Gangrene	Gangrena									
143	Furuncle	Forúnculo									
144	Warm-acute abscess	Abscesos calientes agudos									
145	Other diseases of the skin and its adnexa	Otras enfermedades de la piel									
	IX.	**IX.**									
	Diseases of the Organs of Locomotion.	**Enfermedades de los Órganos de la Locomoción.**									
146	Affections of the bones (nontuberculous)	Afecciones de los huesos (exceptuando la tuberculosis)									
147	Diseases of the joints (tuberculosis and rheumatism excepted).	Afecciones de las articulaciones (exceptuando la tuberculosis y el reumatismo).									
148	Amputation	Amputación									
149	Other affections of the organs of locomotion	Otras afecciones de los órganos de la locomoción									
	X.	**X.**									
	Malformations.	**Vicios de Conformación.**									
150	Congenital malformations (stillbirths excepted)	Vicios de conformación congénitos (exceptuándose los de niños nacidos muertos).					1	1			2
	XI.	**XI.**									
	Early Infancy.	**Primera Infancia.**									
151	Congenital debility icterus and sclerema	Debilidad congénita, ictericia y esclerema					2	3			5
152	Other special diseases of early infancy	Otras enfermedades especiales de la primera edad									
153	Lack of care	Falta de cuidados									
	XII.	**XII.**									
	Old Age.	**Vejez.**									
154	Senile debility	Debilidad senil					4	12			16
	XIII.	**XIII.**									
	Affections Produced by External Causes.	**Afecciones Producidas por Causas Exteriores.**									
155	Suicide by poison	Suicidio por envenenamiento									
156	Suicide by asphyxia	Suicidio por asfixia									
157	Suicide by hanging or strangulation	Suicidio por suspensión ó por extrangulación									
158	Suicide by submersion	Suicidio por submersión									
159	Suicide by firearms	Suicidio por armas de fuego									
160	Suicide by cutting instruments	Suicidio por instrumentos cortantes							1		1
161	Suicide by jumping from high place	Suicidio por dejarse caer desde un punto elevado									
162	Suicide by crushing	Suicidio por aplastamiento									
163	Other suicides	Otros suicidios									
164	Fractures	Fracturas	1								1
165	Dislocations	Luxaciones									
166	Other accidental traumatisms	Otros traumatismos accidentales					2		5		7
167	Burns	Quemaduras por el fuego					1				1
168	Burning by corrosive substances	Quemaduras por substancias corrosivas									
169	Insolation	Insolación									
170	Freezing	Congelación									
171	Electrical shocks	Commoción eléctrica									
172	Accidental submersion	Submersión accidental					1				1
173	Inanition	Inanición						1			1
174	Inhalation of deleterious gases (suicide excepted)	Absorción de gases deletéreos									
175	Other acute poisonings	Otros envenenamientos agudos									
176	Other external violence	Otras violencias exteriores									
	XIV.	**XIV.**									
	Ill-defined Diseases.	**Enfermedades mal Definidas.**									
177	Dropsy	Hidropesía									
178	Sudden death	Muerte repentina									
179	Unspecified or ill-defined causes of death	Causas de muerte no especificadas ó mal definidas	1								1
	Total		4	1	3	1	277	199	52	2	
	Grand total		5		4		476		54		539

CAUSES OF DEATH FOR MARCH, 1903.

RACE, SEX, AND AGE.

		Filipinos.				Americans.				Europeans.				Chinese.				Total.				Grand total.
		Male.		Female.		Male.		Female.		Male.		Female.		Male.		Female.		Male.		Female.		
		Under 5 yrs.	5 yrs. and over.	Under 5 yrs.	5 yrs. and over.	Under 5 yrs.	5 yrs. and over.	Under 5 yrs.	5 yrs. and over.	Under 5 yrs.	5 yrs. and over.	Under 5 yrs.	5 yrs. and over.	Under 5 yrs.	5 yrs. and over.	Under 5 yrs.	5 yrs. and over.	Under 5 yrs.	5 yrs. and over.	Under 5 yrs.	5 yrs. and over.	
	I. General Diseases.																					
1	Typhoid fever		3		1						1				1				5		1	6
4	Malaria	1	7	1	7										4			1	11	1	7	20
4a	Malarial cachexia		1		4										1				2		4	6
5	Variola			1	1		1												1	1	1	3
8	Whooping Cough			1																1		1
12	Cholera, Asiatic		4		2														4		2	6
14	Dysentery	1	5	4	4										6			1	11	4	4	20
15	Plague		8		7										18				26		7	33
19	Other epidemic affections (beri-beri)		6		8										3				9		8	17
20	Purulent infection and septicæmia		1																1			1
22	Malignant pustule and charbon (anthrax)		2																2			2
26	Tuberculosis of larynx		1		2														1		2	3
27	Tuberculosis of lungs		29		12										7				36		12	48
28	Tuberculosis of meninges														1				1			1
29	Tuberculosis of abdomen	1		2	1													1		2	1	4
33	Tuberculosis of other organs		2																2			2
35	Scrofula			1																1		1
36	Syphilis														1				1			1
37	Gonorrhea of adult		1																1			1
39	Cancer and other malignant tumors of the bucal cavity				1																1	1
42	Cancer other malignant tumors of the female genitals				1																1	1
48	Chronic rheumatism, and gout		1																1			1
54	Anæmia, chlorosis		1				1			1								1	2			3
	II. Diseases of the Nervous System and the Organs of Special Sense.																					
60	Encephalitis		1																1			1
61	Simple meningitis	7	2	7	1													7	2	7	1	17
62	Progressive locomotor ataxia		1																1			1
64	Cerebral congestion and hemorrhage		9		3														9		3	12
70	Eclampsia (nonpuerperal)	24		15														24		15		39
71	Convulsions of children	81		43								1						81		44		125
72	Tetanus	3	3	4	1													3	3	4	1	11
74	Other diseases of the nervous system	2																2				2
	III. Diseases of the Circulatory System.																					
78	Acute endocarditis		3																3			3
79	Organic diseases of the heart		2		6										1				3		6	9
80	Angina pectoris		1		2														1		2	3
81	Affections of the arteries (atheroma aneurism)		1																1			1
82	Embolus and thrombosis				2																2	2
	IV. Diseases of the Respiratory System.																					
88	Affections of the larynx	2		1														2		1		3
90	Acute bronchitis	12		10						1						1		13		11		24
91	Chronic bronchitis	10	2	3	2													10	2	3	2	17
92	Broncho pneumonia		1	1															1	1		2
95	Pulmonary congestion and apoplexy	1			2													1			2	3
97	Asthma		1		1										1				2		1	3
99	Other diseases of the respiratory system, phtisis excepted		1																1			1
	V. Diseases of Digestive Apparatus.																					
102	Affections of the esofagus														1				1			1
104	Other affections of the stomach, cancer excepted	2		1														2		1		3
105	Diarrhea and enteritis (under 2 years)	2						1								1		2		2		4
105a	Diarrhea and enteritis chronic	7		5	1										1			7	1	5	1	14
107	Intestinal parasitis	2		1														2		1		3
108	Hernias, intestinal obstructions	1	1		1													1	1		1	3
112	Cirrhosis of the liver		3		1														3		1	4
113	Biliary calculy		1																1			1
118	Appendicitis and abscess of the iliac fossa		1																1			1
	VI. Diseases of the Genito-Urinary System and its Adnexa.																					
120	Bright's disease				1																1	1
123	Diseases of the bladder		1																1			1
128	Uterine hemorrhage nonpuerperal				1																1	1

		Americans.				Europeans.				Filipinos.				Chinese.				Total.				Grand total.
		Male.		Female.		Male.		Female.		Male.		Female.		Male.		Female.		Male.		Female.		
		Under 5 yrs.	5 yrs. and over.	Under 5 yrs.	5 yrs. and over.	Under 5 yrs.	5 yrs. and over.	Under 5 yrs.	5 yrs. and over.	Under 5 yrs.	5 yrs. and over.	Under 5 yrs.	5 yrs. and over.	Under 5 yrs.	5 yrs. and over.	Under 5 yrs.	5 yrs. and over.	Under 5 yrs.	5 yrs. and over.	Under 5 yrs.	5 yrs. and over.	
	VII.																					
	The Puerperal State.																					
135	Puerperal hemorrhage				1																1	1
137	Puerperal septicæmia				3																3	3
138	Albuminuria and puerperal eclampsia				1																1	1
	X.																					
	Malformations.																					
150	Congenital malformations (stillbirths excepted)	1		1														1		1		2
	XI.																					
	Early Infancy.																					
151	Congenital debility icterus and sclerema	2		3														2		3		5
	XII.																					
	Old Age.																					
154	Senile debility		4		12														4		12	16
	XIII.																					
	Affections Produced by External Causes.																					
160	Suicide by cutting instruments														1				1			1
164	Fractures						1												1			1
166	Other accidental traumatism		2												5				7			7
167	Burns	1																1				1
172	Accidental submersion	1																1				1
173	Inanition			1																1		1
179	Unspecified or ill-defined causes of death		1																	1		1
	Total	164	113	106	93		4	1		2	1	1			52	2		166	170	110	93	539

Number of Deaths with Causes Occurring Among Transients in Manila During the Month of March. These Deaths Are not Included in Preparing Death Rate of City.

			Americans.		Foreigners.		Filipinos.		Chinese.		Total.
			M.	F.	M.	F.	M.	F.	M.	F.	
	I. General Diseases.	**I. Enfermedades Generales.**									
14	Dysentery	Disentería					1				1
15	Plague	Peste bubonica							1		1
19	Other epidemic affections (beri-beri)	Otras afecciones epidémicas (beri-beri)					2	1	1		4
27	Tuberculosis of lungs	Tuberculosis pulmonar					3	5	1		9
	II. Diseases of the Nervous System and the Organs of Special Sense.	**II. Enfermedades de Sistema Nervioso y otros Organos de los Sentidos Especiales.**									
61	Meningitis, simple	Meningitis simple		1							1
71	Convulsions of children	Convulsiones infantiles						1			1
	III. Diseases of the Circulatory System.	**III. Enfermedades del Aparato Circulatorio.**									
79	Organic disease of the heart	Enfermedades orgánicas del corazon			1						1
80	Angina Pectoris	Angina de pecho					1				1
	IV. Diseases of the Respiratory System.	**IV. Enfermedades del Aparato Respiratorio.**									
92	Broncho-pneumonia	Bronco neumonia					1				1
93	Pneumonia	Neumonia					2				2
	V. Diseases of Digestive System.	**V. Enfermedades del Aparato Digestivo.**									
105a	Diarrhea and enteritis chronic	Diarrea y enteritis crónicas					1				1
108	Hernias: Intestinal obstructions	Hernias: Obstrucciones intestinales					1				1
112	Cirrhosis of the liver	Cirrosis del higado					1				1
	VI. Diseases of the Genito-Urinary System and Its Adnexa.	**VI. Enfermedades del Aparato Genito-Urinario y sus Anexos.**									
120	Bright's disease	Enfermedad de Bright			1		1				2
	XIII. Affections produced by External Causes.	**XIII. Afecciones producidas por Causas Externas.**									
172	Accidental submersion	Submersión accidental					1				1
	Total			1	2		15	7	3		28

Report of Prescriptions Filled at the Municipal Dispensary; Showing Districts, Sex, and Age of Persons to Whom Medicines Have Been Given During the Month.

Districts.	Americans.				Foreigners.				Filipinos.				Chinese.				Total.
	Adult.		Children.		Adult.		Children.		Adult.		Children.		Adult.		Children.		
	M.	F.	Boy.	Girl.	M.	F.	Boy.	Girl.	M.	F.	Boy.	Girl.	M.	F.	Boy.	Girl.	
Walled City									35	26	12	10					83
Concepcion									2	24	3	1					30
San Miguel									8	17	3	4					32
Ermita									4	3							7
Malate									11	10							21
Paco									17	14							31
Santa Ana									3	4							7
Sampaloc									80	69	4	12					165
Pandacan									4								4
Quiapo									19	6	2						27
Santa Cruz									23	12		1					36
Binondo									16	16	4	6					42
San Nicolas									13	6		1					20
Tondo									1	3							4
Total									236	210	28	35					509

Monthly Sanitary Report, Station A, District of San Nicolas, Harbor and River for March, 1903.

Number of cascoes, ships, and other craft inspected	2,586	Number of smallpox cases found on ships and other craft	1
Number of cholera cases found on ships and other craft	1	Number of dead bodies found in river and harbor	0
Number of cholera cases found alive	1	Number of cascoes, etc., disinfected	3
Number of cholera cases found dead	0	Number of cascoes quarantined	1
Number of bubonic plague cases found on ships and other craft	1		

Burials, March 1903.

Cemeteries.	No.
Loma (Government)	320
Paco General (Government)	13
Santa Cruz	3
Balic-balic	71
Binondo	10
Tondo	2
Maytubig	37
Malate	30
Pandacan	17
Chinese	55
Crematory	15
Santa Ana	11
American National Cemetery	4
S. Pedro Macati	3
One body transfered from Manila to Malolos	1
Total	592

25 of the above were stillbirths and 28 transient residents.

Cases of Cholera Occurring in the City of Manila during the Month of March, 1903.

	Cases.	Recoveries.	Deaths.
Inglés mestizo	1	1	
Filipinos	5		5
Chinese			
Total	6	1	5
Per cent			83

Crematories.

March, 1903.

Animals cremated.	Paco.	Santa Cruz.	Total.
Birds		537	537
Cows	22	40	62
Cats	6	182	188
Carabaos	4	15	19
Dogs	5	251	256
Ducks	9	144	153
Fowls	120	1,684	1,804
Goats		7	7
Horses, American	8	2	10
Horses, native	25	35	60
Monkeys		13	13
Mules	6	2	8
Pigs		66	66
Rats	11	4,873	4,884
Turkeys		45	45
Total	216	7,896	8,112
Loads cremated—			
Preserves		9	9
Crackers		2	2
Chewing tobacco		1	1
Rice		3	3
Rain coat, hats, etc		1	1
Street sweepings		148	148
House refuse	702	1,185	1,887
Garbage	155		155
Total	857	1,349	2,206

Comparative Mortality from March 1, 1901, to March 31, 1903.

Month.	1901. No. deaths.	1901. Annual death rate per 1,000.	1902. No. deaths.	1902. Annual death rate per 1,000.	1903. No. deaths.	1903. Annual death rate per 1,000.
January					[3]602	23.46
February					[3]511	22.06
March	885	42.67	[3]770	30.02	[3]539	21.01
April	886	44.04	[3]1,327	53.46		
May	[1]903	43.44	[3]1,688	65.81		
June	[1]621	30.89	[3]1,418	57.13		
July	[2]608	28.46	[3]2,223	86.68		
August	[2]702	33.08	[3]1,712	66.75		
September	[2]767	37.25	[3]1,132	45.61		
October	[2]855	40.29	[3]927	36.14		
November	[2]818	41.29	[3]1,035	41.70		
December	[2]858	40.43	[3]753	29.36		

[1] Death rate computed on population of 244,732 (Health Department's Census), stillbirths included.
[2] Death rate computed on population of 250,000; stillbirths not included.
[3] Death rate computed on population of 302,154; stillbirths not included.

Disinterments, March, 1903.

Paco Cemetery	9
Tondo	2
Pandacan	1
Santa Cruz	3
Chinese Cementery (for removal to China)	102
Loma	1
Total	118

Veterinary Division.

WILLIAM W. RICHARDS, V. S., *City Veterinarian.*
JOHN G. SLEE, D. V. S., *Asst. City Veterinarian.*

On arrival in city:	
Number of cattle inspected	3,081
Number of hogs inspected	5,061
Number of carabaos inspected	153
Number of sheep inspected	20
Number of goats inspected	38
Number of horses inspected	740
Number of other animals inspected	15
Total	9,108
In Government slaughterhouse:	
Number of cattle slaughtered	1,994
Number of hogs slaughtered	5,835
Number of sheep slaughtered	0
Total	7,829
Number of cattle condemned and cremated	5
Number of hogs condemned and cremated	23
Total	28
Number of horses condemned for glanders	3

General Inspection of Houses, Premises, Vaults, etc., with Improvements Ordered, by Medical Inspectors, Chief Sanitary Inspectors and Sanitary Inspectors, for the Month of March, 1903.

1. Houses inspected by the Chief Sanitary Inspector	5,837
2. Houses reinspected for verification of work ordered	1,989
3. Houses inspected by sanitary inspectors	176,889
4. Houses reinspected by sanitary inspectors	40,861
5. Houses ordered cleaned (written)	1,350
6. Houses ordered cleaned (verbal)	26,119
7. Houses cleaned	22,896
8. Houses ordered whitewashed and painted	1,176
9. Houses whitewashed and painted	595
10. Houses disinfected	621
11. Number of houses recommended condemned and removed	14
12. Number of houses condemned and removed	0
13. Number of localities where "squatters" are located	94
14. Number of samples of water from wells sent to laboratory	0
15. Number of reports from same	0
16. Number of fire plugs opened or closed for sanitary purposes	0
17. Number of hydrants recommended reopened	10
18. Number of houses where garbage has not been removed for two days	1,313
19. Number of persons reported sick to municipal physicians	353
20. Cesspools and vaults ordered cleaned	1,860
21. Cesspools cleaned	1,148
22. Yards ordered cleaned	14,900
23. Yards cleaned	13,280
24 Yards ordered repaired (repaved, etc.)	474
25. Yards repaired	127
26. Number of cholera cases reported by sanitary inspectors	4
27. Number of cholera cases reported by Auxiliary Advisory Board	1
28. Number of cholera cases found "alive"	3
29. Number of cholera cases found "dead"	2
30. Number of orders issued during the month	407
31. Number of orders complied with during the month	420
32. Number of orders awaiting action	365
33. Number of orders pending in court	16
34. Number of food tiendas in district	784
35. Number of persons convicted for violation of food prohibition order	2
36. Average in visiting each street and barrio during month	8
37. Number of regular inspectors on duty	40
38. Number of emergency inspectors on duty	98
39. Number of leper cases sent to San Lazaro Hospital	16
40. Number of plague cases reported	34
41. N mber of smallpox cases reported	16
42. Houses in which traps are set	4,062
43. Houses in which bane is placed	8,742
44. Traps set	8,291
45. Plates with rat bane placed	9,762
46. Rats caught by rat-catchers	4,022
47. Rats caught by traps	4,548
48. Rats caught by poison	665
49. Rats purchased	0
50. Rat-cachers employed	257

Summary of the Number of Cases and Deaths from Cholera in the City of Manila from the 21st of March, 1902, to the 31st of March, 1903, Inclusive.

Months.	Cases.					Deaths.					Per cent.
	Filipinos.	Chinese.	Americans.	Europeans.	Total.	Filipinos.	Chinese.	Americans.	Europeans.	Total.	
March 21 to 31	133	5		1	139	55	5		1	61	.44
April 1 to 30	469	57	11	9	546	345	30	6	4	385	.70
May 1 to 31	507	27	8	3	545	382	48	13	2	445	
June 1 to 30	521	28	13	9	571	464	15	9	1	489	.85
July 1 to 31	1,241	78	44	28	1,386	961	70	22	13	1,066	.76
August 1 to 31	584	74	37	22	717	481	74	19	13	587	.81
September 1 to 30	251	24	15	6	296	162	19	4	4	189	.63
October 1 to 31	66	11	5	3	85	47	8	1	3	59	.69
November 1 to 30	301	17	13	10	341	225	21	6	4	256	.75
December 1 to 31	35	1	1	1	38	22	1			23	.60
January 1 to 31	3	3	1		7	2	2			4	.57
February 1 to 28	2				2	2				2	
March 1 to 31	5				5	5				5	
Total	4,118	320	148	92	4,678	3,153	293	80	45	3,571	

Including for month of March 1 English mestizo.
In addition to the above 91 transients in Manila between March and January.

Report of Sick and Wounded City Poor Attended by Municipal Physicians During the Month of March, 1903.

		Sex.				Nationality.								Total.	Cured.		Deaths.		Number of visits.
						Filipinos.		Chinese.		Foreigners.		Americans.							
		M.	F.	Boys.	Girls.	M.	F.	M.	F.	M.	F.	M.	F.		M.	F.	M.	F.	
R. Perramon	Walled City	15	23	15	8	27	31			3				61	23	18	2	2	79
	Concepcion	2	10	3	1	5	11							16	3	6	1		41
	San Miguel	2	9	2	1	4	10							14	1	4	1	1	52
C. Mora	Paco	9	6	2	3	11	9							20	4		4	3	68
	Ermita	2			2	2	2							4		2			14
	Malate	7	9	2	1	9	10							19	1	2	2	3	45
C. Reyes	Quiapo	7	1	2		9	1							10	5	1	2		49
	Santa Cruz	12	9		1	12	10							22	9	7	1		130
F. Castañeda	Sampaloc	24	24	7	3	31	27							58	13	12	4	2	140
S. V. del Rosario	Binondo																		
V. Pantoja	Tondo	13	10	5	2	18	12							30	4	6	9	4	68
V. Cavanna	San Nicolas	10	12	3	1	13	13							26	7	6	2	3	150
C. Victorino	Pandacan	3	2	1		4	2							6	3	2			24
	Santa Ana	1	2		1	1	3							4	1	3			12
Total		107	117	42	24	146	141			3				290	74	69	28	18	872

Monthly Report of Smallpox for March, 1903.

	Walled City.		Binondo.		San Nicolas.		Tondo.				Santa Cruz.				Sampaloc.		Detention Camp.						Ermita.			Deaths in the Smallpox Hospital.				
	Americans.		Filipinos.		Filipinos.		Filipinos.		American mestizo.		Filipinos.		Chinese.		Filipinos.		Filipinos.		Americans.		Chinese.		Americans.		Total.	Filipinos.		Americans.		Total.
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.		M.	F.	M.	F.	
March 1							1																		1					
March 2																														
March 3																											1			1
March 4																														
March 5																														
March 6																														
March 7																														
March 8					1																				1					
March 9																														
March 10																														
March 11																														
March 12											2														2					
March 13					1												1								2					
March 14																														
March 15																														
March 16				1																					1					
March 17																														
March 18																							1		1					
March 19																														
March 20					1																				1					
March 21															1										1					
March 22									1																1					
March 23						1																			1					
March 24																														
March 25				1																					1					
March 26																												1		1
March 27							1						1												2					
March 28																	1								1		1			1
March 29	*1																								1					
March 30	*1																								1					
March 31							2																		2					
Total	2			2	3	1	4		1		2		1		1	2							1		20	2	1			3

*2 Americans from the provinces.

Monthly Report of Plague for March, 1903.

CASES.

Mar.	Walled City.				Binondo.				San Nicolas.				Tondo.				Santa Cruz.				Quiapo.				Sampaloc.				San Miguel.				Paco.				Ermita.				Malate.				Total.
	Filipinos.		Chinese.		Filipinos.		Chinese.		Filipinos.		Chinese.		Filipinos.		Chinese.		Filipinos.		Chinese.		Filipinos.		Chinese.		Filipinos.		Chinese.		Filipinos.		Chinese.		Filipinos.		Chinese.		Filipinos.		Chinese.		Filipinos.		Chinese.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
1											1				1						1		1																						4
2																																													
3						1									1																														2
4											1			1																															2
5							1								1																														2
6																														1															1
7																		1					1																						2
8																																													
9							2																2																						4
10																																													
11									1										1																										2
12							1																		1																				2
13	1																																												1
14											1								1																										2
15																			1																										1
16																																													
17							2																																						2
18																																													
19							1				1																																		2
20									1																												1								2
21							1												1																										2
22																																													
23							1																																						1
24							1																							1															2
25																																													
26																																													
27	1																																												1
28							1																																						1
29									1		1																																		2
30							1																																						1
31																																													
Total	2				1	1	11		2	2	4		3	1	1			1	4		1		4		1					1	1						1								41

1 Chinese from San Miguel de Mayumo (Bulacan).

DEATHS.

Mar.	Walled City.				Binondo.				San Nicolas.				Tondo.				Santa Cruz.				Quiapo.				Sampaloc.				San Miguel.				Paco.				Ermita.				Malate.				Total.
	Filipinos.		Chinese.		Filipinos.		Chinese.		Filipinos.		Chinese.		Filipinos.		Chinese.		Filipinos.		Chinese.		Filipinos.		Chinese.		Filipinos.		Chinese.		Filipinos.		Chinese.		Filipinos.		Chinese.		Filipinos.		Chinese.		Filipinos.		Chinese.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
1					1				1	1													1																						4
2																																													
3																					1																								1
4																			1																										1
5																1																													1
6													1																	1															2
7																		1				1																							2
8																																													
9							1						1																																2
10																							1																						1
11									1																1																				2
12																																													
13	1						1																																						2
14																															1														1
15																																													
16																																													
17							1																																						1
18																																													
19							1		1		1																																		3
20									1																																				1
21																																													
22															1																														1
23											1																																		1
24																																													
25						1	2																																						3
26																																													
27																																													
28																																													
29											1																																		1
30							1		1																																				2
31																							1																						1
Total	1				1	1	7		3	3	3		2		2			1	1		1	1	3		1					1	1														33

1 Chinese transient in Manila.

Report on Vaccination, City of Manila, During the Month of March, 1903.

	Children.			Adults.			Totals.			Grand totals.
	Filipinos.	Chinese.	Americans and foreigners.	Filipinos.	Chinese.	Americans and foreigners.	Filipinos.	Chinese.	Americans and foreigners.	
Walled City	230		7	321	46	13	551	46	20	617
Binondo	402	5		1,022	449	14	1,424	454	14	1,892
San Nicolas	649			546	266	1	1,195	266	1	1,462
Tondo	1585	1	1	2,002	604	7	3,587	605	8	4,200
Santa Cruz	530			563	46	7	1,093	46	7	1,146
Quiapo	585			553	29	4	1,138	29	4	1,171
San Miguel	170		1	385		1	555		2	557
Sampaloc	377			555	29	10	932	29	10	971
Paco	452			501	51	1	953	51	1	1,005
Ermita	231			229	14	5	460	14	5	479
Malate	378			410	2	5	788	2	5	795
Pandacan	64			158			222			222
Santa Ana	79			70			149			149
Total	5,732	6	9	7,315	1,536	68	13,047	1,542	77	14,666

RECAPITULATION.

Children	5,747
Adults	8,919
Total	14,666
Filipinos	13,047
Chinese	1,542
Americans and foreigners	77
Total	14,666

Vaccine Virus Issued During Month Ending March 31, 1903.

Chief of Vaccinators, SATURNINO ESPEJO.

	Units.
U. S. Army	7,470
U. S. Navy	0
U. S. Marine-Hospital Service	600
Philippine Civil Hospital	400
Inhabitants of the Philippine Archipelago (excluding the City of Manila)	111,200
Amount of virus sold to the public	565
Amount of virus used by public vaccinator of Manila	28,000
Amount of virus used by public institutions in the City of Manila	1,575
Total number of units used	149,810

Monthly Report of San Lazaro Hospital, Leper and Women's Departments, for March, 1903.

	Leper department.							Women's department.				
	Europeans.		Filipinos.		Chinese.		Total.	Americans.	Europeans.	Filipinos.	Chinese.	Total.
	M.	F.	M.	F.	M.	F.						
Number of patients in hospital at last report	0	1	109	74	1	0	185	1	32	86	93	212
Number of patients received during the month	0	0	11	5	2	0	18	5	4	38	54	101
Number of patients discharged	0	0	0	0	1	0	1	5	23	24	64	116
Number of deaths	0	0	0	0	0	0	0	0	0	0	0	0
Number of patients remaining in hospital	0	1	120	79	2	0	202	1	13	100	83	197

1 chino taken by chinese consul for transfer to China.
4 Americans and 1 European discharged, uncured, to leave Islands within 24 hours.
1 American turned over to Judge Ambler, Court of First Instance, March 21, 1903.
Present status unknown.
1 Filipina transferred to Smallpox Hospital.

Bilibid Prison.

Report of Deaths Occurring During the Month of March, 1903.

	Presidio.			Carcel.			Condition.		Cemetery.
	Filipinos.		Total.	Filipinos.		Total.	Single.	Married.	Loma.
	M.	F.		M.	F.				
Chronic dysentery	1		1						
Beri-beri	2		2						
Pneumonia	2		2				3	4	7
Chronic nephritis	1		1						
Hydropsica					1	1			
Total	6		6		1	1	3	4	7

Report from the Bureau of Government Laboratories for the Month of March, 1903.

Analyses.

Drugs	2
Quinine	1
Salt	1
Minerals	2
Water	1
Urines	21
Toxicological	2
Gastric juice	2
Soap	2
Coffee	2
Silk tassel	1
Fork	1
Spoon	1
Assays	9

Clinical Examinations.

	Pos.	Neg.	Total.
Sputa tuberculois	2	23	25
Smears for Gonococci	324	525	849
Feces			41
Amœbæ dysenteriæ	4		
Other Amœbæ	5		
Monads	5		
Ova trichocephalus dispar	9		
Ova uncinaria	1		
Ova oscaris lumbricoidez	2		
Blood examinations			2
Erythrocytes	2		2
Leucocytes			16
Number	15		
Differential	1		
Malaria		29	32
Tertian	3		
Agglutination tests			16
B. Typhosus	1	14	
M. Melitensis		1	
Surra		2	2
Microscopical Examination of urine			20
Rats for Plague	4	231	235
Miscellaneous			10
Necropsies			39
Plague	29		
Asiatic Cholera	5		
Other diseases	5		

Benzozone powder for the month, 1,200 grams.

Report of Cholera Occurring in Provincial Towns in the Philippine Islands, from March 1 to March 31, 1903, Inclusive.

Province.	Place.	Cases.	Deaths.
Misamis	Misamis	42	26
	Cagayan	15	12
	Jimenez	103	40
	Agusan	4	4
	Iligan	4	2
	Lagaran	44	24
	Jasuan	1	1
	Sagay	6	6
		219	115
Nueva Ecija	San Leonardo	2	2
	Peñaranda	2	2
		4	4
Capiz	Banga	1	1
	Pilar	1	1
	Casanayan	13	5
	Maayon	1	1
	Dao	2	2
	Loctugan	8	4
	Panitan	23	19
	Dumalag	7	3
	Panay	80	74
	Pontevedra	30	30
		166	140
Masbate	Mobo	41	21
Leyte	Baybay	31	28
	Ormoc	1	0
		32	28
Cebu	Cebu	2	2
	Casu	3	3
	Barili	19	5
	Santa Rosa	14	14
	Maldaue	5	3
		43	27
Occidental Negros	San Cárlos	139	66
Antique	Bugason	103	92
	Culasi	64	35
	Barbasa	2	2
	Lauaan	5	1
	Guisijan	5	0
		179	130
Samar	Villareal	4	0
Zambales	Agno	16	13
	Bani	18	12
		34	25
Camarines	Nueva Caceres	1	0
	Nabua	14	14
		15	14
Grand total		876	570
Average		65.06	

Percentage of Deaths by Provinces.

Province.	Per cent.
Misamis	52
Nueva Ecija	
Capiz	84
Masbate	51
Leyte	87
Cebu	62
Occidental Negros	47
Antique	72
Samar	
Zambales	73
Camarines	15

Reports Received of Lepers Living in the Various Provinces of the Philippine Islands, to March 31, 1903.

Province.	Number of men.	Number of women.	Children.		Single.		Married.		Widower.	Widow.	Race.	Total.
			M.	F.	M.	F.	M.	F.				
Antique	92	37	2	2	38	28	42	4	12	5	Filipinos	133
Batangas	19	5			12	3	3	3	3		do	24
Bataan	10	4	1	1	5		3	2	2	2	do	16
Benguet	31	10	1	1	1		21	10	9		Igorrotes	43
Ambos Camarines	33	17	1	1	24	12	8	5	1		Filipinos	52
Bulacan	17	9	2	1	12	6	5	3			do	29
Ilocos Norte	45	28	5	2	9	10	31	8	5	10	do	80
Ilocos Sur	176	84	4	2	101	50	66	17	14	12	do	266
Leyte	49	38	1	3	26	27	20	7	3	4	do	91
Masbate	51	35	25	10	22	15	23	19	2	5	do	121
Cagayan	46	30		3	20	10	20	19	6	1	do	79
Lepanto	14	4	1		5	1	8		1	3	do	19
Cavite	17	5		3	16	3	1			2	do	25
Nueva Ecija	44	24			19	12	22	8	2	5	do	68
Negros Occidental	26	11	5	1	17	10	8	1	1		do	43
Pampanga	8	5	2		3	1	5	3	1		do	15
Pangasinan	120	80	2	3	36	28	65	38	19	14	do	205
Rizal	41	24	2		19	12	21	7	3	3	do	67
Marinduque	1	1	1			1	1				do	3
Laguna	1						1				do	1
*San Lazaro	100	71	22	9	63	38	26	18	9	15	do	220
Tarlac	27	24	11	4	7	9	17	11	2	5	do	66
Sorsogon	75	33	1	1	33	17	40	10	3	5	do	110
Romblon	5	10			3	6	2	3	1		do	15
Samar	39	32	13	8	17	9	21	18	3	3	do	92
Union	43	28	3		15	14	24	12	4	2	do	74
Zambales	58	35	2		30	15	26	13	4	5	do	95
Mindanao	140	74	3	3	84	46	45	18	9	12	Moros	220
Cebú	171	89	5	4	136	64	33	21	3	3	Filipinos	269
Iloilo	231	66	11	2	113	37	94	9	24	20	do	310
Negros Oriental	66	42	6	2	27	23	32	14	7	5	do	116
Isabela de Luzon	18	4	1		3	1	10	3	5		do	23
Tayabas	1								1		do	1
Albay	68	33	1	1	30	18	27	10	11	5	do	103
Nueva Vizcaya	13	12	2		7	3	4	6	2	3	do	27
Abra	11	6			5	4	5	2	1		do	17
Bohol	46	46	5	1	20	19	27	17	3	6	do	98
Capiz	44	33	19	9	26	24	13	12	1	1	do	105
Total	1,997	1,089	160	77	1,004	576	222	351	176	157		3,323

*1 European female.

Philippine Weather Bureau—Manila Central Observatory. Bulletin for March, 1903. Meteorological Data Deduced from Hourly Observations.

Date.	Barometer.[1] Mean.		Temperature. Mean.		Temperature. Maximum.		Temperature. Minimum.		Relative humidity, mean.	Prevailing direction.	Wind. Total daily motion.		Wind. Maximum. Force.		Wind. Maximum. Direction.	Sunshine.	Rainfall.	
	Inches.	*mm.*	°*C.*	°*F.*	°*C.*	°*F.*	°*C.*	°*F.*	*Per ct.*		*Km.*	*Miles.*	*Km.*	*Miles.*		*h. m.*	*Inch.*	*mm.*
1	29.940	60.46	26.6	79.9	31.2	88.2	20.6	69.0	74.5	E., SE.	188	117	16	10	WSW.	8-40		
2	29.942	60.53	27.1	80.8	32.9	91.3	20.9	69.6	68.6	SE.	294	183	32	20	SE.	9-30		
3	29.909	59.67	27.8	82.0	34.4	93.7	21.8	71.3	65.5	SE.	250	155	24	15	SE.	8-40		
4	29.911	59.72	27.5	81.5	33.3	91.9	21.7	71.1	68.3	SE.	230	143	23	14	SE.	9-35		
5	29.921	59.97	27.3	81.1	33.3	92.0	20.9	69.7	68.7	SE.	233	145	26	16	ESE.	8-55		
6	29.943	60.56	26.9	80.4	33.2	91.7	19.9	67.9	65.7	SE.	318	198	31	19	SE.	9-45		
7	29.917	59.88	26.5	79.7	32.6	90.7	19.6	67.3	61.7	SE.	368	229	36	22	SSE.	9-55		
8	29.922	60.00	26.7	80.1	32.8	91.0	19.2	66.5	59.0	SE.	303	188	30	19	SE.	10-00		
9	29.934	60.31	25.7	78.3	32.2	89.9	18.4	65.1	65.3	SE.	286	178	32	20	SE.	9-05		
10	29.966	60.12	25.9	78.6	32.4	90.3	19.3	66.7	58.5	SE.	364	226	38	24	SSE.	10-00		
11	29.916	59.85	25.7	78.3	32.6	90.7	17.1	62.7	60.8	SE.	328	204	34	21	SSE.	9-50		
12	29.932	60.26	25.8	78.4	33.0	91.4	17.9	64.2	61.8	ESE.	338	210	30	19	SSE.	9-40		
13	29.921	59.97	26.8	80.2	33.0	91.4	19.8	67.7	59.4	ESE.	412	256	38	24	SE.	10-00		
14	29.886	59.11	27.1	80.8	33.8	92.9	20.2	68.4	59.8	SE., ESE.	334	208	27	17	ESE.	6-10		
15	29.870	58.68	27.0	80.6	34.0	93.2	20.4	68.7	64.4	E.-SE.	322	200	28	18	SE.	7-25		
16	29.881	58.98	27.9	82.2	34.2	93.6	20.8	69.5	59.9	SE.	254	158	22	14	ESE.	9-40		
17	29.907	59.63	26.9	80.4	32.8	91.0	22.4	72.3	64.1	E.-SE.	286	178	32	20	SE.	8-35		
18	29.923	60.02	26.2	79.2	32.2	90.0	19.8	67.6	65.6	E., SE.	280	174	26	16	SE.	5-50		
19	29.941	60.47	25.9	78.6	32.2	89.9	19.2	66.5	65.6	ESE., SE.	292	181	28	18	SE.	7-15		
20	29.936	60.35	26.0	78.8	33.0	91.4	18.8	65.9	65.2	ESE., SE.	283	176	28	18	SE.	8-20		
21	29.950	60.72	26.0	78.8	32.8	91.0	18.4	65.2	59.9	SE.	323	201	32	20	SE.	8-30		
22	29.989	61.71	25.8	78.4	30.4	86.8	18.2	64.8	64.4	ENE., ESE.	236	147	20	12	E.	5-00		
23	29.969	61.20	26.9	80.4	32.8	91.0	22.1	71.8	66.6	SE.	255	158	28	18	SE.	6-30		
24	29.960	60.97	27.5	81.5	33.4	92.2	20.5	68.6	56.5	SE.	328	204	36	22	SE.	9-45		
25	29.994	61.83	26.4	79.5	31.8	89.2	20.0	68.0	61.2	E.	260	162	27	17	E.	5-45		
26	30.012	62.30	25.7	78.3	30.7	87.2	19.2	66.5	66.0	ENE.	196	122	20	12	N.	4-05		
27	29.964	61.08	26.1	79.0	32.7	90.9	20.1	68.1	65.5	ENE.	302	188	30	19	ESE.	6-05		
28	29.956	60.87	26.7	80.1	32.4	90.3	20.3	68.6	62.4	E.	252	157	20	12	ESE.	5-50		
29	29.952	60.78	26.3	79.3	32.2	90.0	20.6	69.1	66.6	E.	243	151	31	19	SE.	3-35		
30	29.928	60.16	27.0	80.6	32.6	90.7	20.9	69.7	66.8	ESE.	292	181	28	18	ESE.	5-25		
31	29.908	59.64	27.3	81.1	34.1	93.3	20.9	69.7	65.9	SE.	260	162	19	12	E.	7-30		
Mean	29.935	60.32	26.6	79.9	32.7	90.9	20.0	68.0	64.0		287.4	178.7	28.1	17.6		7-54		
Total											8,910	5,540				244-50		

[1] Corrected for instrumental error and for temperature and reduced to sea level. Correction to standard gravity, —1.72mm (—0.068 inch.)

GENERAL LIBRARY,
UNIV. OF MICH.
AUG 10 1903

MONTHLY REPORT

OF THE

Board of Health for the Philippine Islands

AND

CITY OF MANILA,

APRIL, 1903.

TO THE HON. DEAN C. WORCESTER, SECRETARY OF THE INTERIOR.

BOARD OF HEALTH.

E. C. CARTER, M. D., U. S. Army,
Commissioner of Public Health.

T. R. MARSHALL, M. D.,
Chief Health Inspector.

H. D. OSGOOD, B. S.,
Sanitary Engineer.

P. C. FREER, M. D., Ph. D.,
Superintendent of Government Laboratories.

MANUEL GOMEZ MARTINEZ, M. D.,
Secretary.

MANILA:
BUREAU OF PUBLIC PRINTING.
1903.

6249

LETTER OF TRANSMITTAL.

DEPARTMENT OF THE INTERIOR,
BUREAU OF PUBLIC HEALTH FOR THE PHILIPPINE ISLANDS,
OFFICE OF THE COMMISSIONER,
Manila, P. I., May 20, 1903.

SIR: I have the honor to submit herewith the report of the Board of Health for the Philippine Islands and the city of Manila for the month of April, 1903, and would invite your attention to the following points:

The annual death rate of the city of Manila for the month of April, 22.12 per 1,000, must be regarded as very satisfactory under the existing conditions, as it has been necessary to deal with both plague and cholera infections. The average annual death rate for the first four months of the present year is but 22.16 per 1,000, as compared with an average annual death rate for the first four months of 1902 of 36.11 per 1,000. During both years the same classes of diseases have been encountered, and the present much lower death rate may fairly be attributed to the development of a more efficient sanitary organization, improved sanitary conditions as a result of past labors, and a better knowledge of the importance of sanitary regulations and a greater willingness to submit to the necessary restrictions on the part of the population.

For the first four months of 1901, when Asiatic cholera did not exist in these Islands, the average annual mortality was 39.90 per 1,000, or nearly twice as great as at the present time, when the existence of cholera has to be considered.

Fortified as they are by such figures as are quoted above, the results actually attained in the work of the Board of Health so far during the present year are most gratifying and may be regarded as much better than could have been fairly anticipated.

The birth rate of the city is still incompletely reported, but the figures for the month, 18.01 per 1,000, undoubtedly more nearly represent the actual facts in the matter than similar returns in any previous month.

The increase of the death rate among the Chinese over the corresponding rate for the previous month undoubtedly closely represents the increase in the prevalence of bubonic plague, which disease especially attacks this class of the population. Statistics for the four outbreaks of plague in Manila in the years 1900, 1901, 1902, and 1903 show that the Chinese population in this city has proportionately six times more plague than the Filipino population and twenty-three times as much as the American, Spanish, and other white population of the city. During the present month there were 11 cases of plague among the 223,900 Filipinos, as compared with 34 cases among the 60,680 Chinese. Further, as shown by statistics of the outbreaks here, in Hongkong, and Australia, the Chinese who contract plague are nearly twice as liable to die from this disease as those of the white race who contract it. The Chinese have thus not only a marked racial susceptibility to the disease but their mode of life in overcrowded, poorly ventilated, and badly lighted buildings of solid construction, resorted to by rats, places them in much greater danger of acquiring the plague infection than is the case with Filipinos, living in well-aired buildings of loose construction, raised above the ground, in which there are few places where rats can be harbored.

In the month of January there were 2 cases of plague in the city of Manila, 17 in February, 42 in March, and the rapid increase in the early part of April gave every evidence of an impending epidemic of most severe character. In view of the above facts, the Board of Health felt justified in directing that the entire Chinese population in Manila be inoculated with Shiga's antipestic prophylactic serum, and that no Chinese be permitted to land without submitting to such inoculation. This work of inoculation was promptly inaugurated and carried out systematically, the Chinese being brought to the district health stations or directed to present themselves at a fixed time. Where desired, individuals were permitted to employ reputable private physicians to perform such inoculation, and the certificates of inoculation signed by such physicians have been accepted by this Department.

In the further effort for the suppression of plague, the force of rat catchers employed by this Department

was largely increased and reorganized. As a result 10,821 rats were turned in by rat catchers at the several stations of the Board of Health during the month. A circular of the Board of Health to the public, printed in all the newspapers in the city in English, Spanish, Tagalog, and Chinese, urged coöperation by householders in the work of rat destruction; while a large number of rats were destroyed on board ship by the systematic fumigation of seagoing vessels carried out by the officials of the Quarantine Service. Of the rats examined at the Government Laboratories slightly less than 1 per cent were found to be affected with plague. Under the above repressive measures the cases of plague soon underwent a marked decrease in this city, while in Hongkong, in which the course of the outbreak had previously been about the same as in Manila, the number of cases increased in almost arithmetical progression. But 52 cases of plague occurred in this city during the entire month, while in the absence of such comprehensive measures of prevention as were taken by the Board of Health the unfortunate experience of Hongkong during the same period might fairly have been expected to have been repeated here. The total case mortality of bubonic plague during the month was 94.23 per cent.

During the month there was an increase of cases of cholera in the city, the cases jumping from 6 during the month of March to 33 during the month of April. This whole number of cases occurred in the last half of the month. The case mortality from cholera was 81.81 per cent. Nearly all these cases occurred in boatmen, laundresses, or others whose occupations had relation to the Pasig River and esteros. The disease occurred so uniformly in these classes that it is fair to presume that the infection was derived in almost every instance from the use of the water of the river and esteros.

There were 26 cases of smallpox with 3 deaths during the month in the city of Manila, giving a case mortality of 11.53 per cent. Two of these three deaths occurred in American school-teachers, recently arrived from the provinces, who had neglected to be vaccinated. Of the 26 cases occurring during the month, but 1 occurred among the Chinese. During the month there were 18,624 vaccinations performed in the city of Manila, and 198,715 units of vaccine virus issued for use within the Archipelago.

Very respectfully,

E. C. CARTER,
Major and Surgeon, U. S. A.,
Commissioner of Public Health.

To the Honorable the SECRETARY OF THE INTERIOR,
Manila P. I.

Population of Manila.

Filipinos	223,900
Chinese	60,680
Foreigners	7,852
Americans	9,722
Total	302,154

Deaths Occurring During the Month of April.

Filipinos	472
Chinese	67
Foreigners	4
Americans	6
Total	549

Annual Death Rate per Thousand for the Month.

Filipinos	25.66
Chinese	13.14
Foreigners	6.20
Americans	7.51
Average	22.12

Births Reported in April.

Filipinos	429
Chinese	3
Foreigners	11
Americans	4
Total	447

Annual Birth Rate per Thousand for the Month.

Filipinos	23.32
Chinese	.60
Foreigners	17.06
Americans	5.01
Average	18.01

Summary of Statistics of Births and Deaths.

Population, census estimated, Health Department	302,154
Mortality for the month of April	549
Annual death rate per 1,000 for month of April	22.12
*Births reported	447
Annual birth rate (based on reports)	18.01

*Incomplete.

Deaths by Age.

Under 30 days	62
30 days to 1 year	147
1 year to 2 years	24
2 years to 5 years	19
5 years to 10 years	9
10 years to 15 years	12
15 years to 20 years	23
20 years to 25 years	31
25 years to 30 years	54
30 years to 40 years	64
40 years to 50 years	52
50 years to 60 years	28
60 years to 70 years	28
70 years to 80 years	9
80 years to 90 years	8
90 years to 100 years	5
100 years to 110 years	2
Unknown	1
Total	578

Stillbirths, 18. Of the grand total of deaths, 29 were those of transients, while 549 were permanent residents of Manila.

Deaths by Districts.

Walled City	26
Binondo	64
San Nicolas	70
Tondo	125
Santa Cruz	68
Quiapo	32
Sampaloc	46
San Miguel	26
Paco	42
Ermita	20
Malate	17
Pandacan	9
Transient residents	29
Santa Ana	3
Unknown	1
Total	578

In addition to the above there were 18 stillbirths.

Number of deaths with medical attendance	326
Number of deaths without medical attendance	252
Total	578

18 of above were stillbirths.

A Classified Report of all Deaths Occurring in Manila During the Month of April, 1903.

Males.

Married	76
Widower	11
Single	109
Boys	150
Condition not stated in certificate	15
Total	361

Females.

Married	53
Widows	22
Single	25
Girls	110
Condition not stated in certificate	7
Stillbirths	18
Total	235
Grand total	596

CAUSES OF DEATHS FOR THE MONTH OF APRIL, 1903.

(STILLBIRTHS NOT INCLUDED.)

	NOMENCLATURE DESIGNED FOR THE STATISTICS OF DEATH.	NOMENCLATURA PARA LAS ESTADÍSTICAS DE DEFUNCIONES.	Americans.		Europeans.		Filipinos.		Chinese.		Total.
			M.	F.	M.	F.	M.	F.	M.	F.	
	I.	**I.**									
	General Diseases.	**Enfermedades Generales.**									
1	Typhoid fever (abdominal typhus)	Fiebre tifoidea			1		2	6			9
2	Exanthematic typhus	Tifus exantemático									
3	Recurrent fever	Fiebre recurrente									
4	Intermittent fever, and malarial cachexia	Fiebre intermitente					11	2	1		14
4a	Malarial cachexia	Caquexia palúdica					2	2			4
5	Variola	Viruelas					1				1
6	Measles	Sarampión									
7	Scarlatina	Escarlatina									
8	Whooping cough	Tos ferina						1			1
9	Diphtheria and croup	Difteria y crup									
9a	Diphtheria	Difteria									
10	Grippe	Gripe									
11	Miliary fever	Fiebre miliar									
12	Asiatic cholera	Cólera asiático					18	6	3		27
13	Cholera, nostras	Cólera nostras									
14	Dysentery	Disenteria					3	5	5		13
14a	Epidemic dysentery	Disenteria epidémica									
15	Plague	Peste	2				3	8	33	1	47
16	Yellow fever	Fiebre amarilla									
17	Leprosy	Lepra									
18	Erysipelas	Erisipelas									
19	Other epidemic affections (beri-beri)	Otras afecciones epidémicas (beri-beri)					5	3	2		10
20	Purulent infection and septicemia	Infección purulenta y septicemia					2				2
21	Glanders and farcy	Muermo y lamparones									
22	Malignant pustule and anthrax	Pústula maligna y antrax							1		1
23	Rabies	Rabia									
24	Actinomycosis, trichinosis, etc	Actinomicosis, trichinosis, etc									
25	Pellagra	Pelagra									
26	Tuberculosis of larynx	Tuberculosis de la laringe					1	2			3
27	Tuberculosis of lungs	Tuberculosis del pulmón					43	26	5		74
28	Tuberculosis of meninges	Tuberculosis de las meninges					2	1			3
29	Tuberculosis of abdomen	Tuberculosis abdominal					1	1			2
30	Pott's disease	Mal de Pott									
31	Cold abscess and abscess by congestion	Abscesos fríos y por congestión									
32	White swellings	Tumores blancos									
33	Tuberculosis of other organs	Tuberculosis de otros órganos									
34	Generalized tuberculosis	Tuberculosis generalizada						1			1
35	Scrofula	Escrófula						1			1
36	Syphilis	Sífilis							1		1
37	Gonorrhea of the adult	Blenorragia en los adultos									
38	Gonococcic infections of children	Afecciones gonocócicas en los niños									
39	Cancer and other malignant tumors of the bucal cavity.	Cáncer ú otros tumores malignos en la cavidad bucal									
40	Cancer and other malignant tumors of the stomach and liver.	Cáncer ú otros tumores malignos del estómago ó hígado.									
41	Cancer and other malignant tumors of peritoneum, intestines, and rectum.	Cáncer ú otros tumores malignos del peritoneo, intestinos y recto.									
42	Cancer and other malignant tumors of the female genitals.	Cáncer ú otros tumores malignos de los órganos genitales de la mujer.				1					1
43	Cancer and other malignant tumors of the breast	Cáncer ú otros tumores malignos de la mama									
44	Cancer and other malignant tumors of the skin	Cáncer ú otros tumores malignos de la piel									
45	Cancer and other malignant tumors of other organs and organs not specified.	Cáncer ú otros tumores malignos en otros órganos						2			2
46	Other tumors (tumors of the female genitals excepted)	Otros tumores (exceptuándose los de los órganos genitales de la mujer).									
47	Acute articular rheumatism	Reumatismo articular agudo						1			1
48	Chronic rheumatism, and gout	Reumatismo crónico y gota									
49	Scurvy	Escorbuto					1	1			2
50	Diabetes	Diabetes									
51	Exophthalmic goiter	Bocio exoftálmico									
52	Addisson's disease	Enfermedad bronceada de Addison									
53	Leukæmia	Leucemia									
54	Anæmia, chlorosis	Anemia, clorosis	2				1				3
55	Other general diseases	Otras enfermedades generales									
56	Acute alcoholism or chronic	Alcoholismo agudo ó crónico									
57	Lead poisoning	Saturnismo									
58	Other poisonings incident to occupations	Otras intoxicaciones profesionales crónicas									
59	Other chronic poisonings	Otros envenenamientos crónicos									
	II.	**II.**									
	Diseases of the Nervous System and the Organs of Special Sense.	**Enfermedades del Sistema Nervioso y de los Organos de los Sentidos.**									
60	Encephalitis	Encefalitis						1			1
61	Simple meningitis	Meningitis simple		1			7	6			14
61a	Epidemic cerebro-spinal meningitis	Meningitis cérebro-espinal epidémica									
62	Progressive locomotor ataxia	Ataxia locomotriz progresiva									
63	Other diseases of the spinal cord	Otras enfermedades de la médula espinal					6	4			10
64	Cerebral congestion and hemorrhage	Congestión y hemorragia cerebrales									
65	Cerebral softening	Reblandecimiento cerebral									
66	Paralysis without apparent cause	Parálisis sin indicación de causa									
67	General paralysis	Parálisis generales									

	NOMENCLATURE DESIGNED FOR THE STATISTICS OF DEATH.	NOMENCLATURA PARA LAS ESTADÍSTICAS DE DEFUNCIONES.	Americans. M.	Americans. F.	Europeans. M.	Europeans. F.	Filipinos. M.	Filipinos. F.	Chinese. M.	Chinese. F.	Total.
	II. Diseases of the Nervous System and the Organs of Special Sense—Cont'd.	**II.—Enfermedades del Sistema Nervioso y de los Organos de los Sentidos—Continuación.**									
68	Other forms of insanity	Otras formas de alienación mental									
69	Epilepsy	Epilepsia									
70	Eclampsia (nonpuerperal)	Eclampsia (no puerperal)	1				16	15			32
71	Convulsions of children	Convulsiones en los niños					66	46			112
72	Tetanus	Tétano					3	1			4
73	Chorea	Corea									
74	Other diseases of the nervous system	Otras enfermedades del sistema nervioso					3				3
75	Diseases of the eye and its adnexa	Enfermedades de ojos y sus anexos									
76	Diseases of the ear	Enfermedades de los oídos									
	III. Diseases of the Circulatory System.	**III. Enfermedades del Aparato Circulatorio.**									
77	Pericarditis	Pericarditis									
78	Acute endocarditis	Endocarditis aguda						3			3
79	Organic disease of the heart	Enfermedades orgánicas del corazón					1	1	1		3
80	Angina pectoris	Angina de pecho					1	5			6
81	Affections of the arteries (atheroma, aneurism, etc.)	Afecciones de las arterias, etc						2			2
82	Embolus and thrombosis	Embolia y trombosis									
83	Affections of the veins (varices, hemorrhoides, phlebitis).	Afecciones de las venas									
84	Affections of the lymphatic system (lymphangitis, etc.).	Afecciones del sistema linfático									
85	Hemorrhages	Hemorragias									
86	Other affections of the circulatory system	Otras afecciones del aparato circulatorio					1				1
	IV. Diseases of the Respiratory System.	**IV. Enfermedades del Aparato Respiratorio.**									
87	Diseases of the nasal fossæ	Enfermedades de las fosas nasales									
88	Affections of the larynx	Afecciones de la laringe									
89	Affections of the thyroid body	Afecciones del cuerpo tiroideo									
90	Acute bronchitis	Bronquitis aguda					11	6			17
91	Chronic bronchitis	Bronquitis crónica					7	6	6		19
92	Broncho-pneumonia	Bronco-pneumonía									
93	Pneumonia	Pneumonía					1	2	1		4
94	Pleurisy	Pleuresía									
95	Pulmonary congestion and apoplexy	Congestion y apoplegía pulmonares					1				1
96	Gangrene of the lungs	Gangrena del pulmón									
97	Asthma	Asma						2	1		3
98	Pulmonary emphysema	Enfisema pulmonar									
99	Other diseases of the respiratory system (phthisis excepted).	Otras enfermedades del aparato respiratorio (exceptuándose la tísis).									
	V. Diseases of Digestive System.	**V. Enfermedades del Aparato Digestivo.**									
100	Affections of the mouth and its adnexa	Afecciones de la boca y de sus anexos									
101	Affections of the pharynx	Afecciones de la faringe					2				2
102	Affections of the esophagus	Afecciones del esófago									
103	Ulcer of the stomach	Ulcera del estómago									
104	Other affections of the stomach (cancer excepted)	Otras afecciones del estómago (exceptuándose el cáncer).					4	3			7
105	Diarrhea and enteritis (under two years)	Diarrea y enteritis (en niños menores de 2 años)					5	4			9
105a	Chronic diarrhea and enteritis	Diarrea y enteritis crónica					4	10			14
106	Diarrhea and enteritis (two years and over)	Diarrea y enteritis (en niños de 2 ó más años)									
107	Intestinal parasites	Parásitos intestinales					1				1
108	Hernias; intestinal obstructions	Hernias; obstrucciones intestinales									
109	Other affections of the intestines	Otras afecciones del intestino									
110	Acute yellow atrophy of the liver	Ictericia grave					1				1
111	Hydatid tumors of the liver	Tumores hidátidicos del hígado									
112	Cirrhosis of the liver	Cirrosis del hígado									
113	Biliary calculi	Cálculos biliares					3				3
114	Other affections of the liver	Otras afecciones del hígado					1	1			2
115	Affections of the spleen	Afecciones del bazo									
116	Simple peritonitis (puerperal excepted)	Peritonitis simple (exceptuándose la puerperal)						1			1
117	Other affections of the digestive system (cancer and tuberculosis excepted).	Otras afecciones del aparato digestivo (exceptuándose el cáncer y tuberculosis).									
118	Appendicitis and abscess of the iliac fossa	Apendicitis y flemón de la fosa iliaca									
	VI. Diseases of the Genito-Urinary System and its Adnexa.	**VI. Enfermedades del Aparato Génito Urinario y de sus Anexos.**									
119	Acute nephritis	Nefritis aguda						2			2
120	Bright's disease	Mal de Bright				1	1	1	2		5
121	Other diseases of the kidneys and their adnexa	Otras enfermedades de los riñones y de sus anexos									
122	Calculi of the urinary tract	Cálculos de las vías urinarias									
123	Diseases of the bladder	Enfermedades de la vegiga									
124	Diseases of the urethra, urinary abscess, etc	Enfermedades de la uretra									
125	Diseases of the prostate	Enfermedades de la próstata									
126	Nonvenereal diseases of the male genital organs	Enfermedades no venereas de los órganos genitales del hombre.									
127	Metritis	Metritis									
128	Uterine hemorrhage (nonpuerperal)	Hemorragia uterina (no puerperal)									
129	Tumor, uterine (noncancerous)	Tumor uterino (no canceroso)									
130	Other diseases of the uterus	Otras enfermedades del útero									
131	Cysts and other tumors of the ovary	Quistes y otros tumores del ovario									
132	Other diseases of the female genital organs	Otras enfermedades de los organos genitales de la mujer.									
133	Nonpuerperal diseases of the breast (cancer excepted).	Enfermedades no puerperales de la mama (exceptuándose el cáncer).									

	NOMENCLATURE DESIGNED FOR THE STATISTICS OF DEATH.	NOMENCLATURA PARA LAS ESTADÍSTICAS DE DEFUNCIONES.	Americans. M.	Americans. F.	Europeans. M.	Europeans. F.	Filipinos. M.	Filipinos. F.	Chinese. M.	Chinese. F.	Total.
	VII.	**VII.**									
	The Puerperal State.	**Estado Puerperal.**									
134	Accidents of pregnancy	Accidentes de la preñez						1			1
135	Puerperal hemorrhage	Hemorragia puerperal						3			3
136	Other accidents of labor	Otros accidentes del parto									
137	Puerperal septicæmia	Septicemia puerperal						3			3
138	Albuminuria and puerperal eclampsia	Albuminuria y eclampsia puerperales									
139	Puerperal phlegmasia alba dolens	Flegmasia alba dolens puerperal									
140	Other puerperal accidents—sudden death	Otros accidentes puerperales—muerte repentina									
141	Puerperal diseases of the breast	Enfermedades puerperales de la mama									
	VIII.	**VIII.**									
	Diseases of the Skin and Cellular Tissue.	**Enfermedades de la Piel y del Tejido Celular.**									
142	Gangrene	Gangrena						1			1
143	Furuncle	Forúnculo					1				1
144	Warm-acute abscess	Abscesos calientes agudos									
145	Other diseases of the skin and its adnexa	Otras enfermedades de la piel					1				1
	IX.	**IX.**									
	Diseases of the Organs of Locomotion.	**Enfermedades de los Órganos de la Locomoción.**									
146	Affections of the bones (nontuberculous)	Afecciones de los huesos(exceptuando la tuberculosis)									
147	Diseases of the joints (tuberculosis and rheumatism excepted).	Afecciones de las articulaciones (exceptuando la tuberculosis y el reumatismo).									
148	Amputation	Amputación									
149	Other affections of the organs of locomotion	Otras afecciones de los órganos de la locomoción									
	X.	**X.**									
	Malformations.	**Vicios de Conformación.**									
150	Congenital malformations (stillbirths excepted)	Vicios de conformación congénitos (exceptuándose los de niños nacidos muertos).									
	XI.	**XI.**									
	Early Infancy.	**Primera Infancia.**									
151	Congenital debility icterus and sclerema	Debilidad congénita, ictericia y esclerema				1	5	2			8
152	Other special diseases of early infancy	Otras enfermedades especiales de la primera edad									
153	Lack of care	Falta de cuidados									
	XII.	**XII.**									
	Old Age.	**Vejez.**									
154	Senile debility	Debilidad senil					7	6	2		15
	XIII.	**XIII.**									
	Affections Produced by External Causes.	**Afecciones Producidas por Causas Exteriores.**									
155	Suicide by poison	Suicidio por envenenamiento									
156	Suicide by asphyxia	Suicidio por asfixia									
157	Suicide by hanging or strangulation	Suicidio por suspensión ó por extrangulación									
158	Suicide by submersion	Suicidio por submersión									
159	Suicide by firearms	Suicidio por armas de fuego									
160	Suicide by cutting instruments	Suicidio por instrumentos cortantes							1		1
161	Suicide by jumping from high place	Suicidio por dejarse caer desde un punto elevado									
162	Suicide by crushing	Suicidio por aplastamiento									
163	Other suicides	Otros suicidios									
164	Fractures	Fracturas					1		1		2
165	Dislocations	Luxaciones									
166	Other accidental traumatisms	Otros traumatismos accidentales					1				1
167	Burns	Quemaduras por el fuego									
168	Burning by corrosive substances	Quemaduras por substancias corrosivas									
169	Insolation	Insolación									
170	Freezing	Congelación									
171	Electrical shocks	Commoción eléctrica									
172	Accidental submersion	Submersión accidental					1	1			2
173	Inanition	Inanición									
174	Inhalation of deleterious gases (suicide excepted)	Absorción de gases deletéreos									
175	Other acute poisonings	Otros envenenamientos agudos									
176	Other external violence	Otras violencias exteriores									
	XIV.	**XIV.**									
	Ill-defined Diseases.	**Enfermedades mal Definidas.**									
177	Dropsy	Hidropesía									
178	Sudden death	Muerte repentina									
179	Unspecified or ill-defined causes of death	Causas de muerte no especificadas ó mal definidas					4	1			5
	Total		5	1	1	3	263	209	66	1	549
	Grand total		6		4		472		67		549

Number of Deaths with Causes Occurring Among Transients in Manila During the Month of April. These Deaths Are Not Included in Preparing Death Rate of City.

			Americans.		Foreigners.		Filipinos.		Chinese.		Total.
			M.	F.	M.	F.	M.	F.	M.	F.	
	I. General Diseases.	**I. Enfermedades Generales.**									
1	Typhoid fever	Fiebre tifoidea					2				2
4	Malaria	Paludismo					2				2
5	Variola	Viruela	1	1							2
12	Cholera, asiatic	Cólera asiático					1				1
14	Dysentery	Disentería					2				2
15	Plague	Peste					2				2
19	Other epidemic affections (beri-beri)	Otras afecciones epidémicas (beri-beri)					1				1
27	Tuberculosis of lungs	Tuberculosis pulmonar					5	1			6
	II. Diseases of the Nervous System and the Organs of Special Sense.	**II. Enfermedades de Sistema Nervioso y de los Organos de los Sentidos.**									
71	Convulsions of children	Convulsiones de los niños					2				2
72	Tetanus	Tetanos					1				1
	III. Diseases of the Circulatory System.	**III. Enfermedades del Aparato Circulatorio.**									
78	Acute endocarditis	Endocarditis aguda					2				2
	IV. Diseases of the Respiratory System.	**IV. Enfermedades del Aparato Respiratorio.**									
93	Pneumonia	Neumonia					3				3
93	Pulmonary emphisema	Enfisemia pulmonar					1				1
	V. Diseases of Digestive Apparatus.	**V. Enfermedades del Aparato Digestivo.**									
105a	Chronic diarrhea and enteritis	Diarrea y enteritis crónicas					1				1
	XII. Old Age.	**XII. Vejez.**									
154	Senile debility	Debilidad senil							1		1
	Total		1	1			25	1	1		29

Report of Sick and Wounded City Poor Attended by Municipal Physicians During the Month of April, 1903.

		Sex.				Nationality.									Cured.		Deaths.		Number of visits.
						Filipinos.		Chinese.		Foreigners.		Americans.		Total.					
		M.	F.	Boys.	Girls.	M.	F.	M.	F.	M.	F.	M.	F.		M.	F.	M.	F.	
R. Perramon	Walled City	13	22	9	8	22	30			1				53	13	18	2	2	142
	Concepcion	2	7	2		4	7							11	4	4		2	35
	San Miguel	7	6	1		8	6							14	1	1	1	3	45
C. Mora	Paco	7	19	6	6	13	25							38	3	11	5	6	134
	Ermita	1	1		1	1	2							3			1		17
	Malate	4	6	3	1	7	7							14	1	4	3	1	48
C. Reyes	Quiapo	4	1	2	2	6	3							9	4	2	1	1	37
	Santa Cruz	9	8	3	1	11	9	1						21	6	1	1	1	167
F. Castañeda	Sampaloc	22	27	*10	9	31	36	*1						68	19	21	2	3	166
S. V. del Rosario	Binondo																		
V. Pantoja	Tondo	6	9	3	5	9	14							23	3	5	4	7	47
V. Cavanna	San Nicolas	9	7	3	3	12	10							22	6	3	2	2	122
C. Victorino	Pandacan	2	2	2		4	2							6	3	2	1		19
	Santa Ana	1	1			1	1							2	1	1			7
Total		88	116	44	36	129	152	2		1				284	64	73	23	28	986

*Japanese.

The following tabulated statement shows the amount of vaccine virus issued during the month of April, 1903.

	Units.
U. S. Army	7,985
U. S. Marine-Hospital Service	2,200
Philippine Civil Hospital	400
Philippines Constabulary	200
Bilibid Prison	1,000
Inhabitants of the Philippine Archipelago (excluding the city of Manila)	158,900
Amount of virus sold to the public	495
Amount of virus used by public vaccinator of Manila	26,000
Amount of virus used by public institutions in the city of Manila	1,535
Total number of units used	198,715

CAUSES OF DEATH FOR APRIL, 1903.

RACE, SEX, AND AGE.

	Cause of death.	Americans.				Europeans.				Filipinos.				Chinese.				Total.				Grand total.
		Male.		Female.		Male.		Female.		Male.		Female.		Male.		Female.		Male.		Female.		
		Under 5 yrs.	5 yrs. and over.	Under 5 yrs.	5 yrs. and over.	Under 5 yrs.	5 yrs. and over.	Under 5 yrs.	5 yrs. and over.	Under 5 yrs.	5 yrs. and over.	Under 5 yrs.	5 yrs. and over.	Under 5 yrs.	5 yrs. and over.	Under 5 yrs.	5 yrs. and over.	Under 5 yrs.	5 yrs. and over.	Under 5 yrs.	5 yrs. and over.	
	I. General Diseases.																					
1	Typhoid fever (adominal typhus)						1				2		6						3		6	9
4	Intermittent fever									2	9	1	1		1			2	10	1	1	14
4a	Malarial cachexia										2		2						2		2	4
5	Variola										1								1			1
8	Whooping cough											1								1		1
12	Asiatic cholera										18	1	5		3				21	1	5	27
14	Dysentery									1	2	1	4		5			1	7	1	4	13
15	Plague		2								3		8		33		1		38		9	47
19	Other epidemic affections (beri-beri)										5		3		2				7		3	10
20	Purulent infection and septicæmia										2								2			2
22	Malignant pustule and anthrax														1				1			1
26	Tuberculosis of larynx										1		2						1		2	3
27	Tuberculosis of lungs										43		26		5				48		26	74
28	Tuberculosis of meninges									2		1						2		1		3
29	Tuberculosis of abdomen										1		1						1		1	2
34	Generalized tuberculosis												1								1	1
35	Scrofula											1								1		1
36	Syphilis														1				1			1
42	Cancer and other malignant tumors of the female genitals								1												1	1
45	Cancer and other malignant tumors of others organs and organs not specified												2								2	2
47	Acute, articular, rheumatism												1								1	1
49	Scurvy										1	1							1	1		2
54	Anæmia, chlorosis		2							1								1	2			3
	II. Diseases of the Nervous System and the Organs of Special Sense.																					
60	Encephalitis												1								1	1
61	Simple meningitis				1					6	1	5	1					6	1	5	2	14
64	Cerebral congestion and hemorrhage									1	5		4					1	5		4	10
70	Eclampsia (nonpuerperal)	1								16		15						17		15		32
71	Convulsions of children									66		46						66		46		112
72	Tetanus									3		1						3		1		4
74	Other diseases of the nervous system									3								3				3
	III. Diseases of the Circulatory System.																					
78	Acute endocarditis												3								3	3
79	Organic diseases of the heart										1		1		1				2		1	3
80	Angina pectoris										1		5						1		5	6
81	Affections of the arteries (atheroma aneurism)												2								2	2
86	Other affections of the circulatory system (aortitis)										1								1			1
	IV. Diseases of the Respiratory System.																					
90	Acute bronchitis									10	1	6						10	1	6		17
91	Chronic bronchitis									7		2	4		6			7	6	2	4	19
93	Pneumonia									1			2	1				2			2	4
95	Pulmonary congestion and apoplexy										1								1			1
97	Asthma												2		1				1		2	3
	V. Diseases of Digestive System.																					
101	Affections of the pharynx									1	1							1	1			2
104	Other affections of the stomach (cancer excepted)									4		3						4		3		7
105	Diarrhea and enteritis (under 2 years)									5		4						5		4		9
105a	Diarrhea and enteritis chronic									4		9	1					4		9	1	14
107	Intestinal parasitis										1								1			1
110	Acute yellow atrophy of the liver										1								1			1
113	Biliary calculi										3								3			3
114	Other affections of the liver										1		1						1		1	2
116	Simple peritonitis (puerperal excepted)											1								1		1
	VI. Diseases of the Genito-Urinary System and its Adnexa.																					
119	Acute nephritis											1	1							1	1	2
120	Bright's disease								1		1		1		2				3		2	5

CAUSES OF DEATH FOR APRIL, 1903—Continued.

		Americans.				Europeans.				Filipinos.				Chinese.				Total.				
		Male.		Female.		Male.		Female.		Male.		Female.		Male.		Female.		Male.		Female.		
		Under 5 yrs.	5 yrs. and over.	Under 5 yrs.	5 yrs. and over.	Under 5 yrs.	5 yrs. and over.	Under 5 yrs.	5 yrs. and over.	Under 5 yrs.	5 yrs. and over.	Under 5 yrs.	5 yrs. and over.	Under 5 yrs.	5 yrs. and over.	Under 5 yrs.	5 yrs. and over.	Under 5 yrs.	5 yrs. and over.	Under 5 yrs.	5 yrs. and over.	Grand total.
	VII.																					
	The Puerperal State.																					
134	Accidents of pregnancy												1								1	1
135	Puerperal hemorrhage												3								3	3
137	Puerperal septicæmia												3								3	3
	VIII.																					
	Diseases of the Skin and Cellular Tissue.																					
142	Gangrene											1							1			1
143	Foruncle										1							1				1
145	Other diseases of the skin and its adnexa										1							1				1
	XI.																					
	Early Infancy.																					
151	Congenital debility, icterus, and sclerema							1		5		2						5		3		8
	XII.																					
	Old Age.																					
154	Senile debility										7		6		2				9		6	15
	XIII.																					
	Affections Produced by External Causes.																					
160	Suicide by cutting instruments														1				1			1
164	Fractures										1				1				2			2
166	Other accidental traumatism										1								1			1
172	Accidental submersion									1			1					1			1	2
	Unknown									3	1	1						3	1	1		5
	Total	1	4		1		1	1	2	142	121	104	105	1	65		1	144	191	105	109	549

Smallpox Report, Manila, from April 1 to April 30, 1903, Inclusive.

	San Nicolas.				Tondo.				Quiapo.				Paco.				Ermita.				Malate.				San Miguel.				Detention Camp.				Women's department.	Deaths in hospital.				
	Filipinos.		Chinese.		Filipinos.		Chinese.		Filipinos.		Chinese.		Filipinos.		Chinese.		Filipinos.		Chinese.		Filipinos.		Chinese.		Filipinos.		Chinese.		Filipinos.		Chinese.			Total.	Americans.		Filipinos.		Total.
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.			M.	F.	M.	F.	
April 1					2																													2					
April 2																																							
April 3											1										1													2					
April 4																																					1		1
April 5																																							
April 6																																				1			1
April 7																																	1	1	1				1
April 8																																							
April 9																																							
April 10																																							
April 11					1																													1					
April 12					1																													1					
April 13																																							
April 14																									1		1							2					
April 15																																							
April 16						1																												1					
April 17					1																													1					
April 18					1	1																												2					
April 19					1																													1					
April 20						1																												1					
April 21													1					1																2					
April 22																																							
April 23					1																													1					
April 24																											1							1					
April 25																																							
April 26																																							
April 27																																							
April 28																																	6	6					
April 29																																							
April 30		1																																1					
Total		1			8	3					1		1					1		1					1		2						7	26	1	1	1		3

Monthly Report of San Lazaro Hospital, Leper and Women's Departments, for April, 1903.

	Leper department.							Women's department.				
	Europeans.		Filipinos.		Chinese.		Total.	Americans.	Europeans.	Filipinos.	Japanese.	Total.
	M.	F.	M.	F.	M.	F.						
Number of patients in hospital at last report	0	1	120	79	2	0	202	1	13	100	83	197
Number of patients received during the month	0	0	4	3	0	0	7	2	15	37	69	123
Number of patients discharged cured	0	0	[1]1	[1]1	[2]1	0	3	[3]3	[4]22	[5]40	[6]73	138
Number of deaths	0	0	0	0	0	0	0	0	0	0	0	0
Number of escaped			1	1		0	2					
Number of patients remaining in hospital	0	1	123	81	1	0	206	0	6	67	79	182

[1] 1 male and 1 female Filipino escaped.
[2] 1 male Chino turned over to Chinese consul for transportation to China.
[3] 1 American discharged cured; 2 discharged uncured to leave Islands.
[4] 17 Europeans discharged cured; 5 discharged uncured to leave Islands.
[5] 28 Filipinos discharged cured; 7 transferred to smallpox department and 5 to the detention department.
[6] Japanese discharged cured; 1 discharged uncured to leave Islands; 2 transfered to San Juan de Dios Hospital.

Cholera Report, Manila, from December 1 to December 30, 1902, inclusive.

Date.	Number of cases.										Totals.			
	Filipinos.		Chinese.		Americans.		Europeans		Others.		Cases.		Deaths.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
December 1	1	2									1	2	2	1
December 2	1	1									1	1	1	
December 3	1										1			2
December 4	1	1									1	1		
December 5	1		1								2		1	
December 6	1										1			
December 7 to 8	3						1				4		4	
December 9	2										2			
December 10		1										1	1	1
December 11 to 12		1										1		1
December 13	1										1			
December 14 to 15	2	1									2	1	8	
December 16	1										1			1
December 17		1										1		1
December 18	1	1									1	1		
December 19	1	1									1	1		
December 20	1										1			
December 21 to 22	2										2		2	
December 23	1										1			1
December 24 to 25	2	1									2	1	1	1
December 26					1						1			
December 27 to 29	1										1		1	
December 30													1	
Total	24	11	1		1		1				27	11	17	9

Per cent, 68.42. Three of above were transients.

Cholera Report, Manila, from January 1 to January 29, 1903, inclusive.

Date.	Cases.										Total.			
	Filipinos.		Chinese.		Americans.		Europeans.		Others.		Cases.		Deaths.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
January 3	1		1								2			
January 6			1								1		1	
January 8	1										1			
January 9	1										1		1	
January 16					1						1		1	
January 22 to 29			1								1		1	
Total	3		3		1						7		4	

Per cent, 57.14.

Bilibid Prison.

Report of Deaths Occurring During the Month of April, 1903.

	Presidio.				Carcel.				Total.	Condition.		Cemeteries.	
	Filipinos.		Chinese.		Filipinos.		Chinese.			Single.	Married.	Loma.	Chinese.
	M.	F.	M.	F.	M.	F.	M.	F.					
Intermittent fever	1								1				
Dysentery	2								2				
Beri-beri	1								1				
Pulmonary tuberculosis	2				1				3	4	8	12	
Pneumonia	1				1				2				
Pulmonary emphysema					1				1				
Endocarditis					1				1				
Organic diseases of the heart	1								1				
Total	8				4				12	4	8	12	

These deaths included in the monthly report.

Summary of the Number of Cases and Deaths from Cholera in the City of Manila from the 21st of March, 1902, to the 30th of April, 1903, Inclusive.

Month.	Cases.					Deaths.					Per cent.
	Filipinos.	Chinese.	Americans.	Europeans.	Total.	Filipinos.	Chinese.	Americans.	Europeans.	Total.	
March 21 to 31	133	5		1	139	55	5		1	61	0.44
April 1 to 30	469	57	11	9	546	345	30	6	4	385	.70
May 1 to 2, 16 to 31	507	27	8	3	545	382	48	13	2	445	.81
June 1 to 30	521	28	13	9	571	464	15	9	1	489	.85
July 1 to 31	1,241	73	44	28	1,386	961	70	22	13	1,066	.76
August 1 to 31	584	74	37	22	717	481	74	19	13	587	.81
September 1 to 30	251	24	15	6	296	162	19	4	4	189	.63
October 1 to 31	66	11	5	3	85	47	8	1	3	59	.69
November 1 to 30	301	17	13	10	341	225	21	6	4	256	.75
December 1 to 31	35	1	1	1	38	22	1			23	.60
January 1 to 31	3	3	1		7	2	2			4	.57
February 1 to 28	2				2	2				2	1.00
March 1 to 31	5				5	5				5	1.00
*April 1 to 30	29	†3			32	25	3			28	.87
Total	4,147	323	148	92	4,710	3,178	296	80	45	3,599	

Average, 76.41.

*Including 1 English mestizo.
†1 Japanese.

Cholera Report, Manila, from April 17 to April 30, 1903, inclusive.

Date.	Cases.					Deaths.				
	Filipinos.		Chinese.		Total.	Filipinos.		Chinese.		Total.
	Male.	Female.	Male.	Female.		Male.	Female.	Male.	Female.	
April 17	1				1	1				1
April 18										
April 19										
April 20										
April 21										
April 22										
April 23										
April 24	2	1			3	1	1			2
April 25										
April 26		1			1					
April 27	7	2	1		10	7	2	1		10
April 28	2	1	1	*1	5	1	1	1		3
April 29	1	1			2	1	1		*1	3
April 30	9	1			10	8	1			9
Total	22	7	2	1	32	19	6	2	1	28

*Japanese.

Per cent, 87.50.

Station A. Monthly Sanitary Report, Harbor and River, April 28, 1903.

Number of cascoes, ships, and other crafts inspected	2,480	Dead bodies found on river and harbor	2
Cholera cases found on ships and other crafts	6	Cascoes, etc., disinfected	7
Cholera cases found alive	3	Cascoes, etc., quarantined	0
Cholera cases found dead	3	Smallpox cases found on ships and other crafts	1

Report on Vaccination, City of Manila, During the Month of April, 1903.

Chief of Vaccinators, SATURNINO ESPEJO.

	Children.			Adults.			Total.			
	Filipinos.	Chinese.	Americans and foreigners.	Filipinos.	Chinese.	Americans and foreigners.	Filipinos.	Chinese.	Americans and foreigners.	Grand total.
Walled City	323		1	2,000	4	243	2,323	4	244	2,571
Binondo	509	8	1	1,401	558	6	1,910	566	7	2,483
San Nicolas	454	2		818	560		1,272	562		1,834
Tondo	1,407			1,668	142	6	3,075	142	6	3,223
Santa Cruz	544	1		695	284	17	1,239	285	17	1,541
Quiapo	354	2	2	818	331	59	1,172	333	61	1,566
San Miguel	450		1	974	1	18	1,424	1	19	1,444
Sampaloc	569		4	815	71	156	1,384	71	160	1,615
Paco	339			389	4	1	728	4	1	733
Ermita	358		4	344			702		4	706
Malate	307			548	33	20	855	33	20	908
Total	5,614	13	13	10,470	1,988	526	16,084	2,001	539	18,624

RECAPITULATION.

Filipinos	16,084	Children	5,640
Chinese	2,001	Adults	12,984
Americans and foreigners	539		
Total	18,624	Total	18,624

Burials, April, 1903.

Cemeteries.	No.
Loma (Government)	308
Paco General (Government)	17
Santa Cruz	2
Balic-Balic	76
Binondo	6
Tondo	2
Maytubig	38
Malate	26
Pandacan	12
Chinese	67
Crematory	29
Santa Ana	8
American National Cemetery	4
San Pedro Macati	1
Total	596

Total deaths including 19 childbirths and 29 transients in Manila.

Cases of Cholera Occurring in the City of Manila during the Month of April, 1903.

	Cases.	Recoveries.	Deaths.
Americans			
Filipinos	29		25
Chinese	3		3
Total	32		28
Per cent			87

Crematories.

April, 1903.

Animals cremated.	Paco.	Santa Cruz.	Total.
Deer		1	1
Birds		503	503
Carabaos	21	2	23
Cats	7	184	191
Cows	107	15	122
Chickens	113	1,778	1,891
Dogs	6	199	205
Ducks	3	234	237
Goats		8	8
Horses, American	11	3	14
Horses, native	49	30	79
Hogs		3	3
Monkeys		11	11
Mules	4	2	6
Rats	39	8,723	8,762
Turkeys		26	26
Pigs	2	189	191
Total	362	11,911	12,273
Loads cremated:			
Preserves		7	7
Jam		40	40
Macaroni		1	1
Crackers		1	1
Tobacco		4	4
Military goods		2	2
Street sweepings		65	65
House refuse	605	1,354	1,959
Slop	282		282
Total	887	1,474	2,361

Comparative Mortality from January 1, 1900, to April 30, 1903.

Month.	1900		1901.		1902.		1903.	
	No. deaths.	Annual rate per 1,000.	No. deaths.	Annual rate per 1,000.	No. deaths.	Annual rate per 1,000.	No. deaths.	Annual rate per 1,000.
January	[1]1,055	50.65	753	36.22	760	30.46	[3]602	23.46
February	[1]884	47.08	689	36.69	706	30.81	[3]511	22.05
March	[1]887	42.67	885	42.67	[2]770	30.02	[3]539	21.01
April	[1]805	40.02	886	44.04	[2]1,327	53.46	549	22.12
May	[1]732	35.21	[1]903	43.44	[2]1,688	65.81		
June	[1]599	29.79	[1]621	30.89	[2]1,418	57.13		
July	[1]787	37.09	[2]608	28.46	[2]2,223	86.68		
August	[1]825	38.88	[2]702	33.08	[2]1,712	66.75		
September	[1]1,027	50.01	[2]767	37.25	[2]1,132	45.61		
October	[1]961	46.23	[2]855	40.29	[2]9027	36.14		
November	[1]976	48.48	[2]848	41.29	[2]1,35	41.70		
December	[1]905	43.54	[2]858	40.43	[2]753	29.36		

[1] Death rate computed on population of 244,732 (Health Department's Census); stillbirths included.
[2] Death rate computed on population of 250,000; stillbirths not included.
[3] Death rate computed on population of 302,154; stillbirths not included.

Disinterments, April, 1903.

Paco Cemetery	9
Tondo	2
Balic-Balic	1
Santa Cruz	2
Chinese	30
Loma	0
Total	44

Veterinary Division.

WILLIAM W. RICHARDS, V. S., *City Veterinarian.* JOHN G. SLEE, D. V. S., *Asst. City Veterinarian*

On arrival in city:	
Number of cattle inspected	3,203
Number of hogs inspected	4,003
Number of carabaos inspected	82
Number of sheep inspected	22
Number of goats inspected	65
Number of horses inspected	382
Number of other animals inspected	9
Total	7,766
In Government abattoir:	
Number of cattle slaughtered	1,866
Number of hogs slaughtered	5,509
Number of sheep slaughtered	23
Number of cattle condemned and cremated	5
Number of hogs condemned and cremated	25
Total	7,428
Number of horses condemned for glanders	7
Numbered of horses condemned for surra	0
Total	7

General Inspection of Houses, Premises, Vaults, etc., with Improvements Ordered by Medical Inspectors, Chief Sanitary Inspectors, and Sanitary Inspectors, for Month of April, 1903.

1. Houses inspected by the Chief Sanitary Inspector	5,796
2. Houses reinspected for verification of work ordered	2,138
3. Houses inspected by sanitary inspectors	157,622
4. Houses reinspected by sanitary inspectors	49,116
5. Houses ordered cleaned (written)	943
6. Houses ordered cleaned (verbal)	19,136
7. Houses cleaned	16,858
8. Houses ordered whitewashed and painted	934
9. Houses whitewashed and painted	420
10. Houses disinfected	515
11. Number of houses recommended condemned and removed	45
12. Number of houses condemned and removed	15
13. Number of localities where "squatters" are located	94
14. Number of samples of water from wells sent to laboratory	0
15. Number of reports from same	0
16. Number of fire plugs opened or closed for sanitary purposes	0
17. Number of hydrants recommended reopened	0
18. Number of houses where garbage has not been removed for two days	919
19. Number of persons reported sick to municipal physicians	379
20. Cesspools and vaults ordered cleaned	1,778
21. Cesspools cleaned	1,480
22. Yards ordered cleaned	13,032
23. Yards cleaned	13,121
24. Yards ordered repaired (repaved, etc.)	423
25. Yards repaired	207
26. Number of cholera cases reported by sanitary inspectors	15
27. Number of cholera cases reported by Auxiliary Advisory Board	5
28. Number of cholera cases found "alive"	18
29. Number of cholera cases found "dead"	8
30. Number of orders issued during the month	450
31. Number of orders complied with during the month	394
32. Number of orders awaiting action	346
33. Number of orders pending in court	3
34. Number of food tiendas in district	1,061
35. Number of persons convicted for violation of food prohibition order	8
36. Average in visiting each street and barrio during month	8
37. Number of regular inspectors on duty	40
38. Number of emergency inspectors on duty	105
39. Number of leper cases sent to San Lazaro Hospital	5
40. Number of plague cases reported	58
41. Number of smallpox cases reported	14
42. Houses in which traps are set	4,298
43. Houses in which bane is placed	2,318
44. Traps set	13,020
45. Plates with rat bane placed	7,973
46. Rats caught by rat catchers	5,501
47. Rats caught by traps	5,034
48. Rats caught by poison	286
49. Rats purchased	6
50. Rat catchers employed	67

Report of Cholera Occurring in Provincial Towns in the Philippine Islands, from April 1 to April 30, 1903,

Province.	Place.	Cases.	Deaths.
Capiz	Capiz	2	2
	Maayon	13	6
	Loctugan	11	8
	Dumalag	2	2
	Panay	178	89
	Panitan	60	2
	Pontevedra	59	46
		325	181
Misamis	Misamis	16	14
	Jimenez	14	8
		3	3
	Sagay	15	15
	Iligan	94	40
	Loculan	3	0
	Oroquieta	21	14
		166	94
Cagayan	Camalaniugan	4	2
	Lallo	7	4
	Aparri	149	99
		160	105
Cebu	Cebu	3	2
	Liloan	78	47
		81	49
Rizal	Pasig	1	1
Zambales	San Isidro	5	3
	Bani	3	2
	Agno	5	5
		13	10
Leyte	Baybay	10	10
Camarines	Nabua	5	5
	Iriga	2	2
	Bano	0	4
		7	11
Sorsogon	Donsol	88	78
Samar	Villareal	3	3
	Catbalogan	2	2
		5	5
Bohol	Tagbilaran	54	38
	Danis	26	23
		80	61
Surigao	Surigao	1	1
Albay	Ligao	1	1
	Polangui	15	10
	Oas	21	17
	Guinobatan	29	38
	Jovellar	2	6
		68	72
Occidental Negros	San Carlos	44	31
Oriental Negros	Dumaguete	2	2
Pampanga	Candaba	60	36
		1,111	749

Percentage of Deaths by Provinces.

Province.	Per cent.
Capiz	55
Misamis	56
Cagayan	65
Cebu	60
Rizal	100
Zambales	79
Leyte	100
Camarines	--
Samar	100
Bohol	76
Surigao	100
Albay	--
Occidental Negros	70
Oriental Negros	100
Pampanga	60
Average	67.41

Report from the Bureau of Government Laboratories for the Month of April, 1903.

Analyses.

Mineral waters	7
Gastric juice	1
Milk	1
Coal	1
Urines	16
Gilt thread	1
Blood stain	1
Poison	1
Mineral	1
Oil residuum	1
Assays	30
Total	61

During the month 1,100 grams of acetozone were distributed.

Clinical Examinations.

	Positive.	Negative.	Total.
Sputa	5	11	16
Smears for gonococci	295	558	853
Feces		30	60
Amœbæ dysenteriæ	9		
Other amœbæ	3		
Monads	13		
Ova trichocephalus dispar	9		
Ova uncinaria	2		
Cholera spirilla	2	1	
Blood examinations		44	69
Erythrocytes—			
Number	2		
Differential	1		
Leucocytes—			
Number	25		
Differential	2		
Malaria	0	24	
Agglutination tests—			
B. typhosus	0	2	
Surra	0	18	
Bubonic plague			
Microscopical examination of urine			13
Rats for plague	3	340	343
Miscellaneous			7
Necropsies			51
Plague	27		
Asiatic cholera	20		
Other diseases	5		
			1,272

Reports Received of Lepers Living in the Various Provinces of the Philippine Islands to April 30, 1903.

Province.	Number of men.	Number of women.	Children.		Single.		Married.		Widower.	Widow.	Race.	Total.
			M.	F.	M.	F.	M.	F.				
Antique	92	37	2	2	38	28	42	4	12	5	Filipinos	133
Batangas	19	5			12	3	3	3	3		do	24
Bataan	10	4	1	1	5		3	2	2	2	do	16
Benguet	31	10	1	1	1		21	10	9		Igorrotes	43
Ambos Camarines	33	17	1	1	24	12	8	5	1		Filipinos	52
Bulacan	17	9	2	1	12	6	5	3			do	29
Ilocos Norte	45	28	5	2	9	10	31	8	5	10	do	80
Ilocos Sur	176	84	4	2	101	50	66	17	14	12	do	266
Leyte	49	38	1	3	26	27	20	7	3	4	do	91
Masbate	51	35	25	10	22	15	23	19	2	5	do	121
Cagayan	46	30		3	20	10	20	19	6	1	do	79
Lepanto	14	4	1		5	1	8		1	3	do	19
Cavite	17	5		3	16	3	1			2	do	25
Nueva Ecija	44	24			19	12	22	8	2	5	do	68
Negros Occidental	26	11	5	1	17	10	8	1	1		do	43
Pampanga	8	5	2		3	1	5	3	1		do	15
Pangasinan	120	80	2	3	36	28	65	38	19	14	do	205
Rizal	41	24	2		19	12	21	7	3	3	do	67
Marinduque	1	1	1			1	1				do	3
Laguna	1						1				do	1
San Lazaro	102	73	2	9	63	39	30	18	9	16	do	206
Tarlac	27	24	11	4	7	9	17	11	2	5	do	66
Sorsogon	75	33	1	1	33	17	40	10	3	5	do	110
Romblon	5	10			3	6	2	3	1		do	15
Samar	39	32	13	8	17	9	21	18	3	3	do	92
Union	43	28	3		15	14	24	12	4	2	do	74
Zambales	58	35	2		30	15	26	13	4	5	do	95
Mindanao	140	74	3	3	84	46	45	18	9	12	Moros	220
Cebú	171	89	5	4	136	64	33	21	3	3	Filipinos	269
Iloilo	231	66	11	2	113	37	94	9	24	20	do	310
Negros Oriental	66	42	6	2	27	23	32	14	7	5	do	116
Isabela de Luzon	18	4	1		3	1	10	3	5		do	23
Tayabas	1								1		do	1
Albay	68	33	1	1	30	18	27	10	11	5	do	103
Nueva Vizcaya	13	12	2		7	3	4	6	2	3	do	27
Abra	11	6			5	4	5	2	1		do	17
Bohol	46	46	5	1	20	19	27	17	3	6	do	98
Capiz	44	33	19	9	26	24	13	12	1	1	do	105
Total	1,999	1,091	160	77	1,004	577	824	351	177	157		3,327

Daily Report of Plague for April, 1903.

CASES.

Date.	Walled City.				Binondo.				San Nicolas.				Tondo.				Santa Cruz.			
	Americans.	Filipinos.	Foreigners.	Chinese.	Americans.	Foreigners.	Filipinos.	Chinese.	Americans.	Foreigners.	Filipinos.	Chinese.	Americans.	Foreigners.	Filipinos.	Chinese.	Americans.	Foreigners.	Filipinos.	Chinese.
	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.
April 1																2				
April 2																				
April 3								2				1			1					
April 4																				
April 5							1													
April 6								1												
April 7				1																
April 8			1					4				1								
April 9									1										1	
April 10												1								
April 11							1	2												
April 12																				
April 13								1												
April 14																				
April 15												1								
April 16																				
April 17								1												
April 18								1												
April 19							1	2			1									
April 20																				
April 21								1				1								
April 22								1											1	
April 23																	1			
April 24								1				1								
April 25												1								
April 26					1							1			1					
April 27												2			1					
April 28								1				1								
April 29																				
April 30							1				1				1					
Total			1	1	1		4	18	1		2	11			4	2	1		1	1

Daily Report of Plague for April, 1903—Continued.

Date.	Quiapo.				Sampaloc.				San Miguel.				Paco.				Ermita.			
	Americans.	Foreigners.	Filipinos.	Chinese.	Americans.	Foreigners.	Filipinos.	Chinese.	Americans.	Foreigners.	Filipinos.	Chinese.	Americans.	Foreigners.	Filipinos.	Chinese.	Americans.	Foreigners.	Filipinos.	Chinese.
	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.
April 1																				
April 2																				
April 3																				
April 4																				
April 5																				
April 6																				
April 7																				
April 8																				
April 9																				
April 10																				
April 11																				
April 12																				
April 13																				
April 14																				
April 15																				
April 16																				
April 17																				
April 18																				
April 19											1									
April 20																				
April 21																			1	
April 22																				
April 23			1																	
April 24																				
April 25																				
April 26							1													
April 27																				
April 28												1								
April 29																				
April 30																				
Total			1				1				1	1							1	

Date.	Malate.								Total.								Deaths.								
	Americans.		Foreigners.		Filipinos.		Chinese.		Americans.		Foreigners.		Filipinos.		Chinese.		Grand total.	Americans.		Foreigners.		Filipinos.		Chinese.		Grand total.
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.		M.	F.	M.	F.	M.	F.	M.	F.	
April 1															2		2							1		1
April 2																						1		1		2
April 3														1	3		4					1		2		3
April 4																								1		1
April 5													1				1									
April 6																						1		1		2
April 7															1		1							1		1
April 8													1		5		6							3		3
April 9														1		1	2									
April 10															1		1							2	1	3
April 11													1		2		3					1		2		3
April 12																										
April 13															1		1									
April 14																								1		1
April 15															1		1							1		1
April 16																										
April 17															1		1							1		1
April 18															1		1							1		1
April 19													2	1	2		5					2	1	1		4
April 20																								1		1
April 21															3		3						1	1		2
April 22													1		1		2							2		2
April 23									1					1			2	1					1			2
April 24															2		2									
April 25															1		1							3		3
April 26									1				1	1	1		4	1						1		2
April 27														1	2		3					1	1	1		3
April 28															3		3							4		4
April 29																										
April 30													1	1	1		3						2	1		3
Total									2				8	7	34	1	52	2				5	8	33	1	49

Philippine Weather Bureau—Manila Central Observatory. Bulletin for April, 1903. Meteorological Data Deduced from Hourly Observations.

Date.	Barometer.[1] Mean.		Temperature. Mean.		Maximum.		Minimum.		Relative humidity, mean.	Wind. Prevailing direction.	Total daily motion.		Maximum. Force.		Maximum. Direction.	Sunshine.	Rainfall.	
	Inches.	*mm.*	°*C.*	°*F.*	°*C.*	°*F.*	°*C.*	°*F.*	*Per ct.*		*Km.*	*Miles.*	*Km.*	*Miles.*		*h. m.*	*Inch.*	*mm.*
1	29.890	59.19	28.0	82.4	35.3	95.6	20.8	69.5	66.3	SE.	348	216	30	19	WSW.	9-15		
2	29.916	59.84	27.8	82.0	35.2	95.3	20.9	69.6	73.1	WSW.	281	175	25	16	WSW.	9-25		
3	29.930	60.20	27.9	82.2	32.0	89.6	22.2	71.9	75.7	SW-W.	249	154	22	14	WSW.	9-40		
4	29.960	60.98	28.8	83.8	34.7	94.5	24.8	76.6	69.3	SSE.	246	153	25	16	SSE.	8-00		
5	29.993	61.81	28.4	83.1	35.0	95.0	21.3	70.4	62.5	SSE.	290	180	24	15	SE.	10-05		
6	29.957	60.91	28.4	83.1	34.9	94.8	21.3	70.3	63.1	SSE.	282	175	30	19	SE.	10-15		
7	29.921	59.97	28.0	82.4	31.4	88.6	23.2	73.7	72.0	NNE.	154	96	20	12	NNE.	2-55		
8	29.931	60.22	28.5	83.3	35.1	95.2	22.3	72.1	66.8	SE.	257	160	30	19	SE.	5-15		
9	29.940	60.44	29.0	84.2	34.7	94.4	22.8	73.0	59.9	SE.	352	219	34	21	SSE.	9-50		
10	29.919	59.93	28.5	83.3	35.1	95.1	21.0	69.8	56.5	SE.	272	169	26	16	SE.	9-35		
11	29.888	59.16	27.8	82.0	34.2	93.6	20.6	69.1	59.1	SE.	265	165	32	20	SE.	7-45		
12	29.906	59.61	28.1	82.6	34.2	93.6	20.7	69.3	53.7	E.	346	215	28	18	SSE.	9-15		
13	29.940	60.44	27.8	82.0	34.7	94.5	20.9	69.7	52.9	E.	303	188	34	21	E.	8-35		
14	29.960	60.98	27.4	81.3	32.1	89.8	20.5	68.9	61.4	E.	230	143	23	14	E.	5-40		
15	29.934	60.30	27.7	81.9	32.3	90.1	22.3	72.1	60.3	SE.	322	200	33	21	SE.	5-40		
16	29.921	59.97	27.4	81.3	33.2	91.7	21.2	70.1	63.1	E.	232	144	18	11	WNW.	3-50	0.008	0.2
17	29.953	60.80	27.7	81.9	32.3	90.1	21.1	70.0	65.5	NW.	218	135	19	12	NW.	6-45		
18	29.944	60.58	27.5	81.5	31.6	88.8	21.7	71.0	63.8	E.	284	176	30	19	ESE.	3-45		
19	29.870	58.69	28.2	82.8	34.4	94.0	20.3	68.6	58.1	SE., SSE.	383	238	32	20	SSE.	9-35		
20	29.842	57.97	29.2	84.6	35.5	95.9	23.8	74.8	57.2	ESE-SSE.	294	183	24	15	ESE.	9-00		
21	29.833	57.74	28.2	82.8	34.3	93.8	21.9	71.5	60.7	ESE., SSE.	298	185	29	18	SSE.	7-10		
22	29.830	57.69	28.2	82.8	34.1	93.4	22.0	71.6	59.0	ESE.	303	188	34	21	SSE.	9-30		
23	29.826	57.57	28.8	83.8	36.3	97.3	21.5	70.7	57.7	ESE.	270	168	22	14	SE.	9-10		
24	29.815	57.31	28.5	83.3	33.5	92.3	22.4	72.4	61.9	SSE., W.	266	165	22	14	SSE.	10-10		
25	29.816	57.32	29.3	84.7	35.4	95.7	23.4	74.1	62.6	SSW-W.	252	157	18	11	SSE.	10-10		
26	29.839	57.90	29.6	85.3	35.7	96.3	23.6	74.4	65.0	SE., SSE.	272	169	22	14	SE.	9-30		
27	29.864	58.52	29.6	85.3	35.9	96.7	22.9	73.3	62.6	SSE.	255	158	21	13	SSE.	9-50		
28	29.877	58.85	29.9	85.8	37.6	99.7	23.4	74.2	64.9	Variable.	214	133	20	12	WSW.	9-50		
29	29.898	59.40	28.9	84.0	35.0	95.0	23.0	73.4	71.0	Variable.	227	141	19	12	SSW.	6-45	.394	10.0
30	29.929	60.17	28.1	82.6	32.6	90.6	23.4	74.1	71.9	SE.	206	128	20	12	SE.	8-05	.114	2.9
Mean	29.901	59.48	28.4	83.1	34.3	93.7	22.0	71.7	63.3		272.4	169.2	25.5	16.0		8-08		
Total											8,171	5,076				244-15	.516	13.1

[1] Corrected for instrumental error and for temperature and reduced to sea level. Correction to standard gravity, —1.72^{mm} (—0.068 inch).

OCT 1903

MONTHLY REPORT

OF THE

Board of Health for the Philippine Islands

AND

CITY OF MANILA,

MAY, 1903.

TO THE HON. DEAN C. WORCESTER, SECRETARY OF THE INTERIOR.

---

from

Maj. E. C. CARTER, M. D., U. S. Army,
Commissioner of Public Health.

Capt. E. L. MUNSON, A. M., M. D., U. S. Army,
Assistant to Commissioner of Public Health.

H. D. OSGOOD, B. S.,
Sanitary Engineer.

T. R. MARSHALL, M. D.,
Chief Health Inspector.

P. C. FREER, M. D., Ph. D.,
Superintendent of Government Laboratories.

MANUEL GOMEZ MARTINEZ, M. D.,
Secretary Board of Health.

MANILA:
BUREAU OF PUBLIC PRINTING.
1903.

6534

LETTER OF TRANSMITTAL.

DEPARTMENT OF THE INTERIOR,
BUREAU OF PUBLIC HEALTH FOR PHILIPPINES,
OFFICE OF THE COMMISSIONER,
Manila, P. I., June 20, 1903.

SIR: I have the honor to transmit herewith the report of the Board of Health for the Philippine Islands and City of Manila for the month of May, 1903:

The death rate during the month of May was 30.02; a considerable increase over that for the month of April, which was 22.12, but much less than that for the month of May a year ago, when the rate was 65.81. The increase for the present month was due almost wholly to a sudden rise in the number of cases of cholera, there being a total of 230 cases. The type of the disease was also severe, as of the above cases 212 ultimately died, giving a case mortality of 92.17 per cent. In the month of January there were 7 cases; in February, 2; in March, 5; in April, 32. The rise in the latter part of April and during May was not unanticipated, as the general history of cholera epidemics in the Tropics shows a sharp increase in the number of cases coincident with the beginning of the rains, when any infectious material on the ground surface or in shallow vaults, which local conditions may have rendered temporarily harmless so far as conveying disease is concerned, is washed by rains into the water courses and perhaps widely spread through a general source of water supply. The outbreak of May occurred under such conditions. It was noteworthy that the greater part of those who contracted cholera were boatmen, laundresses, fishermen, and others whose occupations brought them into close contact with the Pasig River and certain esteros. A large proportion of the cases occurred in districts along the river and the most contaminated esteros. In these districts an unduly high proportion of cases occurred on boats, and this was particularly true of boats moored in certain backwater reaches relatively little affected by tides. Thus, 63 of the total of 230 cases for the entire city occurred in San Nicolas district, and largely on boats moored in the vicinity of the custom-house and quay near the office of the Captain of the Port. The natives themselves were inclined to attribute the cholera to the use of infected foods purchased in the Divisoria Market, but the distribution of the disease through the city was such as to render this unlikely. A number of samples of water taken from the backwaters and eddies of the Pasig River were examined by medical officers of the Quarantine Service, and the presence of cholera germs in large numbers was determined. This work was checked by officials of the Board of Health and the results previously obtained were fully confirmed, the greatest intensity of river-water infection being demonstrated in samples taken from the slack-water anchorages where the greatest number of cases had occurred on boats. This was the more readily to be understood from the fact that the cholera cases were frequently not found for some time; bodies dead of cholera were not rarely weighted and disposed of by being thrown into the river, and in any event the cholera discharges soon found their way overboard to still further contaminate an already infected water. This water was backed up by the rising tide into the esteros and the infection was thus conveyed to other quarters of the city. The boat population could not be prevented from using this water for domestic purposes, and where the cause was attributed to infected food purchased in the Divisoria Market it was frequently found that such food had been subsequently washed in river water and thus probably become infected after purchase. The Board of Health met the situation by increased vigilance with respect to sanitary inspection, more stringent oversight over the markets, and by the issue, on May 22, of 30,000 circulars printed in Tagalog and 5,000 in Chinese, concisely stating in simple language the most important sanitary rules for the prevention of cholera. Within the next few days a copy of this circular was posted in every house and on every inhabited water craft in the city. A considerable decrease of cholera was soon apparent as a result of these special efforts. While in the two weeks—May 8 to 22—there had occurred 129 cases of cholera, in the two subseqent weeks—May 23 to June 6—there were but 83 cases, and by the end of the first week in June the outbreak was well under control and the cases were few and scattering. During the outbreak of this month more than twice as many males died of cholera as females, and of the 194 deaths reported only 12 occurred in childen under the age of 15 years. By far the greatest mortality from cholera occurred in the class between the ages of 25 and 30 years, 41 deaths occurring during this period of life.

During the month of May there was a gratifying falling off in the number of plague infections, there being but 27 cases and 23 deaths (one in a transient), as compared with 52 cases and 49 deaths for the previous month. This decrease was apparently in direct response to the special efforts put forth by the Board of Health, including the destruction of plague houses, rat catching, and, of most importance, the general inoculation of the Chinese with Shiga's antipestic prophylactic virus, which was begun during the month. There were 10,051 rats reported as destroyed during the month, and of those examined post-mortem for plague none were found to be so affected, as compared with about 1 per cent found diseased during the previous month. It is not fairly to be expected that any large proportion of the rat population will ever be found to be affected with plague at any one time, for the reason that the plague rats not only soon die from the disease but are sick animals whose impaired appetites do not tempt them to destruction by baited traps or poison. For these reasons the true proportion of the rat population affected with plague may be considered as being somewhat in excess of the proportion of the captured rats which may be found to be affected with the disease.

There were 21 cases of smallpox, with 2 deaths, during the month.

Summarizing the general sanitary work of the Board of Health during the month, it may be mentioned that the total number of inspections and reinspections of houses amounted to 204,277, and of cascoes and other water craft to 2,480. There were 19,854 houses cleaned as a result of sanitary orders, and 431 painted or whitewashed; 649 houses and 22 water craft were disinfected. A total of 15,410 yards were cleaned, repaved, or repaired, and the contents of 2,470 cesspools and vaults were removed.

During the month 672 sanitary orders were issued, of which 350 were complied with, and proceedings in 17 instances were pending in the courts. A total of 7,598 animals were inspected on arrival at the port; 8,212 were inspected at the abattoir, of which number 21 were condemned. The crematories disposed of 15,543 dead animals and birds, which number included 9,143 rats, and, in addition, 2,121 loads of refuse were burned. The excessive number of animals requiring disposal was due to the loss of animal life in the Santa Cruz fire. There were 17,432 persons vaccinated in the city of Manila, and 125,725 units of vaccine virus issued for use throughout the Islands.

Very respectfully,

E. C. CARTER,
Major and Surgeon, U. S. Army,
Commissioner of Public Health.

The Honorable SECRETARY OF THE INTERIOR.
Manila, P. I.

Population of Manila.

Filipinos	223,900
Chinese	60,680
Foreigners	7,852
Americans	9,722
Total	302,154

Deaths Occurring During the Month of May.

Filipinos	686
Chinese	67
Foreigners	10
Americans	7
Total	770

Annual Death Rate per Thousand for the Month.

Filipinos	36.09
Chinese	13.00
Foreigners	15.10
Americans	8.48
Average	30.02

A Classified Report of all Deaths Occurring in Manila During the Month of May, 1903.

Males.

Married	129
Widower	17
Single	131
Boys	169
Condition not stated in certificate	69
Total	515

Females.

Married	78
Widows	30
Single	31
Girls	147
Condition not stated in certificate	11
Stillbirths	25
Total	322
Grand total	837

Of the grand total of deaths 42 were those of transients, while 770 were permanent residents of Manila. Stillbirths, 25.

Deaths by Age.

Under 30 days	64
30 days to 1 year	182
1 year to 2 years	33
2 years to 5 years	25
5 years to 10 years	11
10 years to 15 years	8
15 years to 20 years	30
20 years to 25 years	47
25 years to 30 years	65
30 years to 40 years	126
40 years to 50 years	72
50 years to 60 years	65
60 years to 70 years	34
70 years to 80 years	20
80 years to 90 years	9
90 years to 100 years	10
100 years to 110 years	2
Unknown	9
Total	*812

Deaths by Districts.

Walled City	51
Binondo	55
San Nicolas	108
Tondo	161
Santa Cruz	103
Quiapo	56
Sampaloc	67
San Miguel	26
Paco	65
Ermita	16
Malate	15
Pandacan	26
Santa Ana	13
Transient residents	42
Unknown	8
Total	*812
Number of deaths with medical attendance	448
Number of deaths without medical attendance	364
Total	*812

* Including 25 stillbirths.

Comparative Mortality from May 1, 1901, to May 31, 1903.

Month.	1900.		1901.		1902.		1903.	
	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.
January	1,055	50.65	[1] 753	36.22	[3] 760	30.46	[3] 602	23.47
February	[1] 884	47.08	[1] 689	36.69	[3] 706	30.81	[3] 511	22.05
March	[1] 887	42.67	[1] 885	42.67	[3] 770	30.02	[3] 539	21.01
April	[1] 805	40.02	[1] 886	44.04	[3] 1,327	53.46	[3] 549	22.12
May	[1] 732	35.21	[1] 903	43.44	[3] 1,688	65.81	[3] 770	30.02
June	[1] 599	29.79	[1] 621	30.89	[3] 1,418	57.13		
July	[1] 787	37.09	[2] 608	28.46	[3] 2,223	86.68		
August	[1] 825	38.88	[2] 702	33.08	[3] 1,712	66.75		
September	[1] 1,027	50.01	[2] 767	37.25	[3] 1,132	45.61		
October	[1] 961	38.44	[2] 855	40.29	[3] 927	36.14		
November	[1] 976	48.43	[2] 848	41.29	[3] 1,035	41.70		
December	[1] 905	43.54	[2] 858	40.43	[3] 753	29.36		

[1] Death rate computed on population of 244,732 (Health Department's census); stillbirths included.
[2] Death rate computed on population of 250,000; stillbirths not included.
[3] Death rate computed on population of 302,154; stillbirths not included.

CAUSES OF DEATHS FOR THE MONTH OF MAY, 1903.

(STILLBIRTHS NOT INCLUDED.)

	NOMENCLATURE DESIGNED FOR THE STATISTICS OF DEATH.	NOMENCLATURA PARA LAS ESTADÍSTICAS DE DEFUNCIONES.	Americans.		Europeans.		Filipinos.		Chinese.		Total.
			M.	F.	M.	F.	M.	F.	M.	F.	
	I. General Diseases.	**I. Enfermedades Generales.**									
1	Typhoid fever (abdominal typhus)	Fiebre tifoidea			2		3	2			7
2	Exanthematic typhus	Tifus exantemático									
3	Recurrent fever	Fiebre recurrente									
4	Intermittent fever, and malarial cachexia	Fiebre intermitente					11	6			17
4a	Malarial cachexia	Caquexia palúdica					5	1	3		9
5	Variola	Viruelas					2				2
6	Measles	Sarampión									
7	Scarlatina	Escarlatina									
8	Whooping cough	Tos ferina						1			1
9	Diphtheria and croup	Difteria y crup									
9a	Diphtheria	Difteria									
10	Grippe	Gripe					4	3			7
11	Miliary fever	Fiebre miliar									
12	Asiatic cholera	Cólera asiático	3			1	123	58	9		194
13	Cholera, nostras	Cólera nostras									
14	Dysentery	Disentería					7	7	8		22
14a	Epidemic dysentery	Disentería epidémica									
15	Plague	Peste			1		3	2	16		22
16	Yellow fever	Fiebre amarilla									
17	Leprosy	Lepra									
18	Erysipelas	Erisipelas					1				1
19	Other epidemic affections (beri-beri)	Otras afecciones epidémicas (beri-beri)					8	6	3		12
20	Purulent infection and septicæmia	Infección purulenta y septicemia					1				1
21	Glanders and farcy	Muermo y lamparones									
22	Malignant pustule and anthrax	Pústula maligna y antrax									
23	Rabies	Rabia									
24	Actinomycosis, trichinosis, etc	Actinomicosis, trichinosis, etc									
25	Pellagra	Pelagra									
26	Tuberculosis of larynx	Tuberculosis de la laringe					3	4			7
27	Tuberculosis of lungs	Tuberculosis del pulmón			1		37	24	6		68
28	Tuberculosis of meninges	Tuberculosis de las meninges									
29	Tuberculosis of abdomen	Tuberculosis abdominal						1			1
30	Pott's disease	Mal de Pott									
31	Cold abscess and abscess by congestion	Abscesos fríos y por congestión									
32	White swellings	Tumores blancos									
33	Tuberculosis of other organs	Tuberculosis de otros órganos									
34	Generalized tuberculosis	Tuberculosis generalizada									
35	Scrofula	Escrófula									
36	Syphilis	Sífilis					1				1
37	Gonorrhea of the adult	Blenorragia en los adultos									
38	Gonococcic infections of children	Afecciones gonocócicas en los niños									
39	Cancer and other malignant tumors of the bucal cavity.	Cáncer ú otros tumores malignos en la cavidad bucal							1		1
40	Cancer and other malignant tumors of the stomach and liver.	Cáncer ú otros tumores malignos del estómago é hígado.									
41	Cancer and other malignant tumors of peritoneum, intestines, and rectum.	Cáncer ú otros tumores malignos del peritoneo, intestinos y recto.									
42	Cancer and other malignant tumors of the female genitals.	Cáncer ú otros tumores malignos de los órganos genitales de la mujer.									
43	Cancer and other malignant tumors of the breast	Cáncer ú otros tumores malignos de la mama									
44	Cancer and other malignant tumors of the skin	Cáncer ú otros tumores malignos de la piel									
45	Cancer and other malignant tumors of other organs and organs not specified.	Cáncer ú otros tumores malignos en otros órganos					1				1
46	Other tumors (tumors of the female genitals excepted)	Otros tumores (exceptuándose los de los órganos genitales de la mujer).									
47	Acute articular rheumatism	Reumatismo articular agudo									
48	Chronic rheumatism, and gout	Reumatismo crónico y gota					3				3
49	Scurvy	Escorbuto						1			1
50	Diabetes	Diabetes									
51	Exophthalmic goiter	Bocio exoftálmico									
52	Addisson's disease	Enfermedad bronceada de Addison									
53	Leukæmia	Leucemia									
54	Anæmia, chlorosis	Anemia, clorosis					1	3	2		6
55	Other general diseases	Otras enfermedades generales									
56	Acute alcoholism or chronic	Alcoholismo agudo ó crónico	1				1				2
57	Lead poisoning	Saturnismo									
58	Other poisonings incident to occupations	Otras intoxicaciones profesionales crónicas									
59	Other chronic poisonings	Otros envenenamientos crónicos									
	II. Diseases of the Nervous System and the Organs of Special Sense.	**II. Enfermedades del Sistema Nervioso y de los Organos de los Sentidos.**									
60	Encephalitis	Encefalitis					1				1
61	Simple meningitis	Meningitis simple					18	11		1	30
61a	Epidemic cerebro-spinal meningitis	Meningitis cérebro-espinal epidémica									
62	Progressive locomotor ataxia	Ataxia locomotriz progresiva			1						1
63	Other diseases of the spinal cord	Otras enfermedades de la médula espinal							1		1
64	Cerebral congestion and hemorrhage	Congestión y hemorragia cerebrales					3				3
65	Cerebral softening	Reblandecimiento cerebral			1						1
66	Paralysis without apparent cause	Parálisis sin indicación de causa									
67	General paralysis	Parálisis generales					1	1			2

	NOMENCLATURE DESIGNED FOR THE STATISTICS OF DEATH.	NOMENCLATURA PARA LAS ESTADÍSTICAS DE DEFUNCIONES.	Americans.		Europeans.		Filipinos.		Chinese.		Total.
			M.	F.	M.	F.	M.	F.	M.	F.	
	II.—Diseases of the Nervous System and the Organs of Special Sense—Continued.	**II.—Enfermedades del Sistema Nervioso y de los Organos de los Sentidos—Continuación.**									
68	Other forms of insanity	Otras formas de alienación mental							1		1
69	Epilepsy	Epilepsia									
70	Eclampsia (nonpuerperal)	Eclampsia (no puerperal)					19	17			36
71	Convulsions of children	Convulsiones en los niños					74	59		1	134
72	Tetanus	Tétano					2	1			3
73	Chorea	Corea									
74	Other diseases of the nervous system	Otras enfermedades del sistema nervioso					4	4			8
75	Diseases of the eye and its adnexa	Enfermedades de ojos y sus anexos									
76	Diseases of the ear	Enfermedades de los oídos									
	III.	**III.**									
	Diseases of the Circulatory System.	**Enfermedades del Aparato Circulatorio.**									
77	Pericarditis	Pericarditis									
78	Acute endocarditis	Endocarditis aguda					2	1	1		4
79	Organic disease of the heart	Enfermedades orgánicas del corazón					1	3	5		9
80	Angina pectoris	Angina de pecho	1				3	1			5
81	Affections of the arteries (atheroma, aneurism, etc.)	Afecciones de las arterias, etc				1	1	3	1		6
82	Embolus and thrombosis	Embolia y trombosis									
83	Affections of the veins (varices, hemorrhoides, phlebitis).	Afecciones de las venas									
84	Affections of the lymphatic system (lymphangitis, etc.).	Afecciones del sistema linfático									
85	Hemorrhages	Hemorragias									
86	Other affections of the circulatory system	Otras afecciones del aparato circulatorio									
	IV.	**IV.**									
	Diseases of the Respiratory System.	**Enfermedades del Aparato Respiratorio.**									
87	Diseases of the nasal fossæ	Enfermedades de las fosas nasales									
88	Affections of the larynx	Afecciones de la laringe						2			2
89	Affections of the thyroid body	Afecciones del cuerpo tiroideo									
90	Acute bronchitis	Bronquitis aguda					9	8			17
91	Chronic bronchitis	Bronquitis crónica					9	10	1		20
92	Broncho-pneumonia	Bronco-pneumonía					2	1			3
93	Pneumonia	Pneumonía	2					1			3
94	Pleurisy	Pleuresía									
95	Pulmonary congestion and apoplexy	Congestion y apoplegía pulmonares					1				1
96	Gangrene of the lungs	Gangrena del pulmón									
97	Asthma	Asma					1		1		2
98	Pulmonary emphysema	Enfisema pulmonar									
99	Other diseases of the respiratory system (phthisis excepted).	Otras enfermedades del aparato respiratorio (exceptuándose la tisis).									
	V.	**V.**									
	Diseases of Digestive System.	**Enfermedades del Aparato Digestivo.**									
100	Affections of the mouth and its adnexa	Afecciones de la boca y de sus anexos									
101	Affections of the pharynx	Afecciones de la faringe									
102	Affections of the esophagus	Afecciones del esófago									
103	Ulcer of the stomach	Ulcera del estómago					2		1		3
104	Other affections of the stomach (cancer excepted)	Otras afecciones del estómago (exceptuándose el cáncer).					3	2			5
105	Diarrhea and enteritis (under two years)	Diarrea y enteritis (en niños menores de 2 años)					1	1			2
105a	Chronic diarrhea and enteritis	Diarrea y enteritis crónica					8	4			12
106	Diarrhea and enteritis (two years and over)	Diarrea y enteritis (en niños de 2 ó más años)						1			1
107	Intestinal parasites	Parásitos intestinales									
108	Hernias; intestinal obstructions	Hernias; obstrucciones intestinales									
109	Other affections of the intestines	Otras afecciones del intestino									
110	Acute yellow atrophy of the liver	Ictericia grave									
111	Hydatid tumors of the liver	Tumores hidátidicos del hígado									
112	Cirrhosis of the liver	Cirrosis del hígado					1	1			2
113	Biliary calculi	Cálculos biliares									
114	Other affections of the liver	Otras afecciones del hígado									
115	Affections of the spleen	Afecciones del bazo									
116	Simple peritonitis (puerperal excepted)	Peritonitis simple (exceptuándose la puerperal)					2	1			3
117	Other affections of the digestive system (cancer and tuberculosis excepted).	Otras afecciones del aparato digestivo (exceptuándose el cáncer y tuberculosis).									
118	Appendicitis and abscess of the iliac fossa	Apendicitis y flemón de la fosa iliaca					1				1
	VI.	**VI.**									
	Diseases of the Genito-Urinary System and its Adnexa.	**Enfermedades del Aparato Génito Urinario y de sus Anexos.**									
119	Acute nephritis	Nefritis aguda						1	1		2
120	Bright's disease	Mal de Bright			1						1
121	Other diseases of the kidneys and their adnexa	Otras enfermedades de los riñones y de sus anexos									
122	Calculi of the urinary tract	Cálculos de las vías urinarias									
123	Diseases of the bladder	Enfermedades de la vegiga									
124	Diseases of the urethra, urinary abscess, etc	Enfermedades de la uretra									
125	Diseases of the prostate	Enfermedades de la próstata									
126	Nonvenereal diseases of the male genital organs	Enfermedades no venereas de los órganos genitales del hombre.									
127	Metritis	Metritis						1			1
128	Uterine hemorrhage (nonpuerperal)	Hemorragia uterina (no puerperal)						1			1
129	Tumor, uterine (noncancerous)	Tumor uterino (no canceroso)									
130	Other diseases of the uterus	Otras enfermedades del útero									
131	Cysts and other tumors of the ovary	Quistes y otros tumores del ovario									
132	Other diseases of the female genital organs	Otras enfermedades de los organos genitales de la mujer.									
133	Nonpuerperal diseases of the breast (cancer excepted).	Enfermedades no puerperales de la mama (exceptuándose el cáncer).									

	NOMENCLATURE DESIGNED FOR THE STATISTICS OF DEATH.	NOMENCLATURA PARA LAS ESTADÍSTICAS DE DEFUNCIONES.	Americans.		Europeans.		Filipinos.		Chinese.		Total.
			M.	F.	M.	F.	M.	F.	M.	F.	
	VII.	**VII.**									
	The Puerperal State.	**Estado Puerperal.**									
134	Accidents of pregnancy	Accidentes de la preñez									
135	Puerperal hemorrhage	Hemorragia puerperal						3			3
136	Other accidents of labor	Otros accidentes del parto									
137	Puerperal septicæmia	Septicemia puerperal						7			7
138	Albuminuria and puerperal eclampsia	Albuminuria y eclampsia puerperales						1			1
139	Puerperal phlegmasia alba dolens	Flegmasia alba dolens puerperal									
140	Other puerperal accidents—sudden death	Otros accidentes puerperales—muerte repentina									
141	Puerperal diseases of the breast	Enfermedades puerperales de la mama									
	VIII.	**VIII.**									
	Diseases of the Skin and Cellular Tissue.	**Enfermedades de la Piel y del Tejido Celular.**									
142	Gangrene	Gangrena						1			1
143	Furuncle	Forúnculo									
144	Warm-acute abscess	Abscesos calientes agudos									
145	Other diseases of the skin and its adnexa	Otras enfermedades de la piel									
	IX.	**IX.**									
	Diseases of the Organs of Locomotion.	**Enfermedades de los Órganos de la Locomoción.**									
146	Affections of the bones (nontuberculous)	Afecciones de los huesos(exceptuando la tuberculosis)									
147	Diseases of the joints (tuberculosis and rheumatism excepted).	Afecciones de las articulaciones (exceptuando la tuberculosis y el reumatismo).									
148	Amputation	Amputación									
149	Other affections of the organs of locomotion	Otras afecciones de los órganos de la locomoción									
	X.	**X.**									
	Malformations.	**Vicios de Conformación.**									
150	Congenital malformations (stillbirths excepted)	Vicios de conformación congénitos (exceptuándose los de niños nacidos muertos).									
	XI.	**XI.**									
	Early Infancy.	**Primera Infancia.**									
151	Congenital debility icterus and sclerema	Debilidad congénita, ictericia y esclerema					5	5			10
152	Other special diseases of early infancy	Otras enfermedades especiales de la primera edad						1			1
153	Lack of care	Falta de cuidados									
	XII.	**XII.**									
	Old Age.	**Vejez.**									
154	Senile debility	Debilidad senil					6	11	3		20
	XIII.	**XIII.**									
	Affections Produced by External Causes.	**Afecciones Producidas por Causas Exteriores.**									
155	Suicide by poison	Suicidio por envenenamiento									
156	Suicide by asphyxia	Suicidio por asfixia									
157	Suicide by hanging or strangulation	Suicidio por suspensión ó por extrangulación									
158	Suicide by submersion	Suicidio por submersión									
159	Suicide by firearms	Suicidio por armas de fuego			1						1
160	Suicide by cutting instruments	Suicidio por instrumentos cortantes					1				1
161	Suicide by jumping from high place	Suicidio por dejarse caer desde un punto elevado									
162	Suicide by crushing	Suicidio por aplastamiento									
163	Other suicides	Otros suicidios									
164	Fractures	Fracturas					2				2
165	Dislocations	Luxaciones									
166	Other accidental traumatisms	Otros traumatismos accidentales							1		1
167	Burns	Quemaduras por el fuego						2			2
168	Burning by corrosive substances	Quemaduras por substancias corrosivas									
169	Insolation	Insolación									
170	Freezing	Congelación									
171	Electrical shocks	Commoción eléctrica									
172	Accidental submersion	Submersión accidental									
173	Inanition	Inanición									
174	Inhalation of deleterious gases (suicide excepted)	Absorción de gases deletéreos									
175	Other acute poisonings	Otros envenenamientos agudos									
176	Other external violence	Otras violencias exteriores					1				1
	XIV.	**XIV.**									
	Ill-Defined Diseases.	**Enfermedades mal Definidas.**									
177	Dropsy	Hidropesía									
178	Sudden death	Muerte repentina									
179	Unspecified or ill-defined causes of death	Causas de muerte no especificadas ó mal definidas					5	1			6
	Total		7		8	2	399	287	65	2	770
	Grand total		7		10		686		67		770

NUMBER OF DEATHS BY RACE, SEX, AND AGE.

CAUSE OF DEATH.	Less than one day to thirty days.								From thirty days to one year.								From one to five years.								From five to ten years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
I.																																
General Diseases.																																
1. Typhoid fever																					1	1										
4. Intermittent fever													2	3							1									1		
4a. Malarial cachexia																																
5. Variola																																
8. Whooping cough																						1										
10. Grippe													1								1	1										
12. Cholera, Asiatic														3							1								2	1		
14. Dysentery																					2	4								1		
15. Plague																													1	1		
18. Erysipelas													1																			
19. Other epidemic affections													1																			
20. Purulent infection and septicamia																																
26. Tuberculosis of larynx																																
27. Tuberculosis of lungs																																
29. Tuberculosis, abdominal																																
36. Syphilis																																
39. Cancer and other malignant tumors of the buccal cavity																																
45. Cancer and other malignant tumors of other organs and organs not specified																														1		
48. Chronic rheumatism and gout																																
49. Scurvy																														1		
54. Anæmia chlorosis																																
56. Acute alcoholism, or chronic																																
II.																																
Diseases of the Nervous System.																																
60. Encephalitis																																
61. Meningitis, simple					4								6	7							7	4		1								
62. Progressive locomotor ataxia																																
63. Other diseases of the spinal cord																																
64. Cerebral congestion and hemorrhage																																
65. Cerebral softening																																
67. General paralysis																																
68. Other forms of insanity																																
70. Eclampsia (nonpuerperal)					13	8							5	9							1											
71. Convulsions of children					23	20		1					51	38								1										
72. Tetanus					2	1																										
74. Other diseases of the nervous system													4	2								1								1		
III.																																
Diseases of the Circulatory System.																																
78. Acute endocarditis																																
79. Organic disease of the heart																																
80. Angina pectoris																																
81. Affections of the arteries (atheroma, aneurism, etc.)																																
IV.																																
Diseases of the Respiratory System.																																
88. Affections of the larynx														2																		
90. Acute bronchitis													7	5							2	3										
91. Chronic bronchitis													7	4								5										
92. Broncho-pneumonia														1																		
98. Pneumonia																																
95. Pulmonary congestion and apoplexy																																
97. Asthma																																
V.																																
Diseases of the Digestive System.																																
103. Ulcer of the stomach																																
104. Other affections of the stomach (cancer excepted)													2	1							1	1										
105. Diarrhea and enteritis (under 2 years)																					1	1										
105a. Diarrhea and enteritis, chronic					1								3	1							2	1										
106. Diarrhea and enteritis (2 years and over)																														1		
108. Hernias, intestinal obstructions																					1											
112. Cirrhosis of the liver																																
116. Simple peritonitis (puerperal excepted)						1							1																1			
VI.																																
Diseases of the Genito-Urinary System and its Adnexa.																																
119. Acute nephritis																																
120. Bright's disease																																
127. Metritis																																
128. Uterine hemorrhage (nonpuerperal)																																

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	Less than one day to thirty days.								From thirty days to one year.								From one to five years.								From five to ten years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
VII. The Puerperal State.																																
135. Puerperal hemorrhage																																
137. Puerperal septicæmia																																
138. Albuminuria and puerperal eclampsia																																
VIII. Diseases of the Skin and Cellular Tissue.																																
142. Gangrene																																
IX. Early Infancy.																																
151. Congenital debility, icterus, and sclerema					4	4							1	1																		
152. Other special diseases of early infancy														1																		
X. Old Age.																																
154. Senile debility																																
XI. Affections Produced by External Causes.																																
159. Suicide by firearms																																
160. Suicide by cutting instruments																																
164. Fractures																																
166. Other accidental traumatisms																																
167. Burns																																
176. Other external violence																																
XII. Ill-Defined Diseases.																																
179. Unspecified or ill-defined causes of death						1															1											
Total					47	35		1					92	78							22	24		1					4	7		

CAUSE OF DEATH.	From ten to fifteen years.								From fifteen to twenty years.								From twenty to twenty-five years.								From twenty-five to thirty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
I. General Diseases.																																
1. Typhoid fever														1																		
4. Intermittent fever						1																							2	1		
4a. Malarial cachexia																					2								2			
5. Variola																					1											
8. Whooping cough																																
10. Grippe																														1		
12. Cholera, Asiatic					2	3							19	6							20	5							24	14	3	
14. Dysentery																							1							1	1	
15. Plague														1									1								5	
18. Erysipelas																																
19. Other epidemic affections																						3								2		
20. Purulent infection and septicæmia																					1											
26. Tuberculosis of larynx																													1			
27. Tuberculosis of lungs													1	1							3	7	1						7	3		
29. Tuberculosis, abdominal														1																		
36. Syphilis																																
39. Cancer and other malignant tumors of the buccal cavity																																
45. Cancer and other malignant tumors of other organs and organs not specified																																
48. Chronic rheumatism and gout																																
49. Scurvy																																
54. Anæmia chlorosis					1									1								1									1	
56. Acute alcoholism, or chronic																																
II. Diseases of the Nervous System.																																
60. Encephalitis													1																			
61. Meningitis, simple																																
62. Progressive locomotor ataxia																																
63. Other diseases of the spinal cord																																
64. Cerebral congestion and hemorrhage																																
65. Cerebral softening																																
67. General paralysis																																
68. Other forms of insanity																																
70. Eclampsia (nonpuerperal)																																
71. Convulsions of children																																
72. Tetanus																																
74. Other diseases of the nervous system																																

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From ten to fifteen years.								From fifteen to twenty years.								From twenty to twenty-five years.								From twenty-five to thirty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
III. Diseases of the Circulatory System.																																
78. Acute endocarditis													1																			
79. Organic disease of the heart																													1			
80. Angina pectoris																					1											
81. Affections of the arteries (atheroma, aneurism, etc.)																															1	
IV. Diseases of the Respiratory System.																																
88. Affections of the larynx																																
90. Acute bronchitis																																
91. Chronic bronchitis																																
92. Broncho-pneumonia																												1				
93. Pneumonia																																
96. Pulmonary congestion and apoplexy																																
97. Asthma																																
V. Diseases of the Digestive System.																																
103. Ulcer of the stomach													1																			
104. Other affections of the stomach (cancer excepted)																																
105. Diarrhea and enteritis (under 2 years)																																
105a. Diarrhea and enteritis, chronic					1																											
106. Diarrhea and enteritis (2 years and over)																																
108. Hernias, intestinal obstructions																																
112. Cirrhosis of the liver																																
116. Simple peritonitis (puerperal excepted)																																
VI. Diseases of the Genito-Urinary System and its Adnexa.																																
119. Acute nephritis														1																		
120. Bright's disease																																
127. Metritis						1																										
128. Uterine hemorrhage (nonpuerperal)																													1			
VII. The Puerperal State.																																
135. Puerperal hemorrhage																					1								1			
137. Puerperal septicæmia														2							2								2			
138. Albuminuria and puerperal eclampsia																																
VIII. Diseases of the Skin and Cellular Tissue.																																
142. Gangrene																													1			
IX. Early Infancy.																																
151. Congenital debility, icterus, and sclerema																																
152. Other special diseases of early infancy																																
X. Old Age.																																
154. Senile debility																																
XI. Affections Produced by External Causes.																																
159. Suicide by firearms																																
160. Suicide by cutting instruments																																
164. Fractures													1																			
166. Other accidental traumatisms																																
167. Burns																																
176. Other external violence																												1				
XII. Ill-Defined Diseases.																																
179. Unspecified or ill-defined causes of death																					1								2			
Total					4	5							24	14							29	19	3						40	28	11	

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From thirty to thirty-five years.								From thirty-five to forty years.								From forty to forty-five years.								From forty-five to fifty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
I.																																
General Diseases.																																
1. Typhoid fever			1										1								2											
4. Intermittent fever													1								2											
4a. Malarial cachexia							1														1		2									
5. Variola																																
8. Whooping cough																																
10. Grippe					1																											
12. Cholera, Asiatic	2			1	11	10							12	4	1						7	3	3						4	1		
14. Dysentery							3						1	1															1		1	
15. Plague							2				1		2		4								3									
18. Erysipelas																																
19. Other epidemic affections					1																		2						1		1	
20. Purulent infection and septicamia																																
26. Tuberculosis of larynx													1	3																		
27. Tuberculosis of lungs					5	2	1						7	2	1				1		1	1	1						7	3	2	
29. Tuberculosis, abdominal																																
36. Syphilis																																
39. Cancer and other malignant tumors of the buccal cavity																																
45. Cancer and other malignant tumors of other organs and organs not specified																																
48. Chronic rheumatism and gout					1								1																			
49. Scurvy																																
54. Anæmia chlorosis																															1	
56. Acute alcoholism, or chronic																					1				1							
II.																																
Diseases of the Nervous System.																																
60. Encephalitis																																
61. Meningitis, simple					1																											
62. Progressive locomotor ataxia																																
63. Other diseases of the spinal cord																															1	
64. Cerebral congestion and hemorrhage																													1			
65. Cerebral softening											1																					
67. General paralysis																																
68. Other forms of insanity															1																	
70. Eclampsia (nonpuerperal)																																
71. Convulsions of children																																
72. Tetanus																																
74. Other diseases of the nervous system																																
III.																																
Diseases of the Circulatory System.																																
78. Acute endocarditis																					1		1									
79. Organic disease of the heart							2								1																2	
80. Angina pectoris	1					1																							1			
81. Affections of the arteries (atheroma, aneurism, etc.)																																
IV.																																
Diseases of the Respiratory System.																																
88. Affections of the larynx																																
90. Acute bronchitis																																
91. Chronic bronchitis																																
92. Broncho-pneumonia					1																											
93. Pneumonia	1								1																					1		
95. Pulmonary congestion and apoplexy																																
97. Asthma															1														1			
V.																																
Diseases of the Digestive System.																																
103. Ulcer of the stomach													1										1									
104. Other affections of the stomach (cancer excepted)																																
105. Diarrhea and enteritis (under 2 years)																																
105a. Diarrhea and enteritis, chronic																						1										
106. Diarrhea and enteritis (2 years and over)																																
108. Hernias, intestinal obstructions																																
112. Cirrhosis of the liver						1																							1			
116. Simple peritonitis (puerperal excepted)																																
VI.																																
Diseases of the Genito-Urinary System and its Adnexa.																																
119. Acute nephritis																																
120. Bright's disease											1																					
127. Metritis																																
128. Uterine hemorrhage (nonpuerperal)																																

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From thirty to thirty-five years.								From thirty-five to forty years.								From forty to forty-five years.								From forty-five to fifty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
VII.																																
The Puerperal State.																																
135. Puerperal hemorrhage														1																		
137. Puerperal septicæmia						1																										
138. Albuminuria and puerperal eclampsia						1																										
VIII.																																
Diseases of the Skin and Cellular Tissue.																																
142. Gangrene																																
IX.																																
Early Infancy.																																
151. Congenital debility, icterus, and sclerema																																
152. Other special diseases of early infancy																																
X.																																
Old Age.																																
154. Senile debility																																
XI.																																
Affections Produced by External Causes.																																
159. Suicide by firearms																																
160. Suicide by cutting instruments																																
164. Fractures																																
166. Other accidental traumatisms							1																									
167. Burns																													1			
176. Other external violence																																
XII.																																
Ill-Defined Diseases.																																
179. Unspecified or ill-defined causes of death																																
Total	4		1	1	21	16	10		1		3		28	11	9				1		13	5	13		1		1		17	6	8	

CAUSE OF DEATH.	From fifty upward.								Unknown.								Total.								Grand total.
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
I.																									
General Diseases.																									
1. Typhoid fever																			2		3	2			7
4. Intermittent fever					3																11	6			17
4a. Malarial cachexia						1															5	1	3		9
5. Variola													1								2				2
8. Whooping cough																						1			1
10. Grippe					1	1															4	3			7
12. Cholera, Asiatic	1				15	8	2						6				3			1	123	58	9		194
14. Dysentery					3		2														7	7	8		22
15. Plague							1												1		3	2	16		22
18. Erysipelas																					1				1
19. Other epidemic affections						1															3	6	3		12
20. Purulent infection and septicamia																					1				1
26. Tuberculosis of larynx					1	1															3	4			7
27. Tuberculosis of lungs					6	5													1		37	24	6		68
29. Tuberculosis, abdominal																						1			1
36. Syphilis					1																1				1
39. Cancer and other malignant tumors of the buccal cavity							1																1		1
45. Cancer and other malignant tumors of other organs and organs not specified					1																1				1
48. Chronic rheumatism and gout					1																3				3
49. Scurvy																						1			1
54. Anæmia chlorosis						1															1	3	2		6
56. Acute alcoholism, or chronic																	1				1				2
II.																									
Diseases of the Nervous System.																									
60. Encephalitis																					1				1
61. Meningitis, simple																					18	11		1	30
62. Progressive locomotor ataxia			1																1						1
63. Other diseases of the spinal cord																							1		1
64. Cerebral congestion and hemorrhage					2																3				3
65. Cerebral softening																			1						1
67. General paralysis					1	1															1	1			2
68. Other forms of insanity																							1		1
70. Eclampsia (nonpuerperal)																					19	17			36
71. Convulsions of children																					74	59		1	134
72. Tetanus																					2	1			3
74. Other diseases of the nervous system																					4	4			8

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From fifty upward.								Unknown.								Total.								Grand total.
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
III.																									
Diseases of the Circulatory System.																									
78. Acute endocarditis						1															2	1	1		4
79. Organic disease of the heart					1	2															1	3	5		9
80. Angina pectoris					1												1				3	1			5
81. Affections of the arteries (atheroma, aneurism, etc.)				1	1	3														1	1	3	1		6
IV.																									
Diseases of the Respiratory System.																									
88. Affections of the larynx																						2			2
90. Acute bronchitis																					9	8			17
91. Chronic bronchitis					2	1	1														9	10	1		20
92. Broncho-pneumonia																					2	1			3
93. Pneumonia																	2					1			3
95. Pulmonary congestion and apoplexy					1																1				1
97. Asthma																					1		1		2
V.																									
Diseases of the Digestive System.																									
103. Ulcer of the stomach																					2		1		3
104. Other affections of the stomach (cancer excepted)																					3	2			5
105. Diarrhea and enteritis (under 2 years)																					1	1			2
105a. Diarrhea and enteritis, chronic					1	1															8	4			12
106. Diarrhea and enteritis (2 years and over)																						1			1
108. Hernias, intestinal obstructions																					1				1
112. Cirrhosis of the liver																					1	1			2
116. Simple peritonitis (puerperal excepted)																					2	1			3
VI.																									
Diseases of the Genito-Urinary System and its Adnexa.																									
119. Acute nephritis															1							1	1		2
120. Bright's disease																			1						1
127. Metritis																						1			1
128. Uterine hemorrhage (nonpuerperal)																						1			1
VII.																									
The Puerperal State.																									
135. Puerperal hemorrhage																						3			3
137. Puerperal septicæmia																						7			7
138. Albuminuria and puerperal eclampsia																						1			1
VIII.																									
Diseases of the Skin and Cellular Tissue.																									
142. Gangrene																						1			1
IX.																									
Early Infancy.																									
151. Congenital debility, icterus, and sclerema																					5	5			10
152. Other special diseases of early infancy																						1			1
X.																									
Old Age.																									
154. Senile debility					6	11	3														6	11	3		20
XI.																									
Affections Produced by External Causes.																									
159. Suicide by firearms			1																1						1
160. Suicide by cutting instruments					1																1				1
164. Fractures					1																2				2
166. Other accidental traumatisms																							1		1
167. Burns						1																2			2
176. Other external violence																					1				1
XII.																									
Ill-Defined Diseases.																									
179. Unspecified or ill-defined causes of death													1								5	1			6
Total	1		2	1	50	39	10						8		1		7		8	2	399	287	65	2	770

Number of Deaths with Causes Occurring Among Transients in Manila During the Month of May. These Deaths Are Not Included in Preparing Death Rate of City.

	CAUSE OF DEATH.	CAUSAS DE LA MUERTE.	Americans.		Foreigners.		Filipinos.		Chinese.		Total.
			M.	F.	M.	F.	M.	F.	M.	F.	
	I. General Diseases.	**I. Enfermedades Generales.**									
1	Typhoid fever	Tifoidea	2				1				3
4	Intermittent fever	Fiebre intermitente					1				1
4a	Malarial cachexia	Caquexia palúdica					1	1			2
12	Cholera, Asiatic	Cólera asiático					11	2	2		15
14	Dysentery	Disentería	1				1				2
15	Plague	Peste					1				1
17	Leprosy	Lepra					1				1
19	Other epidemic affections (beri-beri)	Otras afecciones epidémicas (beri-beri)					3				3
27	Tuberculosis of lungs	Tuberculosis pulmonar					5				5
45	Cancer and other malignant tumors of other organs and organs not specified	Cancer y otros tumores malignos de otros órganos y órganos no especificados						1			1
56	Acute alcoholism, or chronic	Alcoholismo agudo, ó crónico	1								1
	II. Diseases of the Nervous System and the Organs of Special Sense.	**II. Enfermedades del Sistema Nervioso y de los Organos de los Sentidos.**									
61	Meningitis, simple	Meningitis simple					1	1			2
64	Cerebral congestion and hemorrhage	Congestion cerebral y hemorragia							1		1
	XII. Old Age.	**XII. Vejez.**									
154	Senile debility	Debilidad senil						1			1
	XIII. Affections Produced by External Causes.	**XIII. Afecciones Producidas por Causas Exteriores.**									
164	Fractures	Fracturas	1								1
	XIV. Ill-Defined Diseases.	**XIV. Enfermedades mal Definidas.**									
177	Dropsy	Hidropesia					1				1
	Unknown							1			1
	Total		5				27	7	3		42

Deaths Occurring in Bilibid Prison During the Month of May, 1903.

CAUSE OF DEATH.	Presidio.				Carcel.				Total.	Condition.		Cemeteries.	
	Filipinos.		Chinese.		Filipinos.		Chinese.			Widower.	Married.	Loma.	Chinese.
	M.	F.	M.	F.	M.	F.	M.	F.					
Intermittent fever					1				1				
Dysentery, chronic amœbic					1				1				
Beri-beri	1				1				2				
Tuberculosis of lungs					3				3	1	6	7	
Total	1				6				7	1	6	7	

These deaths included in the monthly report.

Number of Births Reported in May for the City of Manila.

Filipinos	368
Chinese	2
Foreigners	7
Americans	4
Total	381

Annual Birth Rate for Manila per Thousand for the Month of May.

Filipinos	19.36
Chinese	.30
Foreigners	10.50
Americans	4.84
Average	14.85

Report of Prescriptions Filled at the Municipal Dispensary, Showing Districts, Sex, and Age of Persons to Whom Medicines Have Been Given During the Month.

District.	Americans.				Foreigners.				Filipinos.				Chinese.				Total.
	Adult.		Children.		Adult.		Children.		Adult.		Children.		Adult.		Children.		
	M.	F.	Boy.	Girl.	M.	F.	Boy.	Girl.	M.	F.	Boy.	Girl.	M.	F.	Boy.	Girl.	
Walled City									34	32	7	8					81
Concepcion									8	8	1	3					20
San Miguel									7	11	2	1					21
Ermita									8	1							9
Malate									10	11	4						25
Paco									26	25	4	9					64
Santa Ana									1	2	1						4
Sampaloc									67	44	16	3					130
Pandacan									3	4	2						9
Quiapo									12	6		2					20
Santa Cruz									15	11	8	1					35
Binondo																	
San Nicolas									10	11							21
Tondo									2	4							6
Total									203	170	45	27					445

Report of Sick and Wounded City Poor Attended by Municipal Physicians During the Month of May, 1903.

		Sex.		Children and young.		Nationality. Filipinos.		Chinese.		Foreigners.		Americans.		Total.	Recoveries.		Deaths.		Number of visits.
		M.	F.	Boys.	Girls.	M.	F.	M.	F.	M.	F.	M.	F.		M.	F.	M.	F.	
R. Perramon	Walled City	19	21	9	6	28	27							55	19	18	4	0	159
	Concepcion	3	7		2	3	9							12		4	1	3	35
	San Miguel	6	10	3	2	8	12			1				21	4	6	0	2	45
C. Mora	Paco	12	18	9	13	21	31							52	4	9	7	7	159
	Ermita	2	0	0	0	2	0							2	1	0	1	0	8
	Malate	4	5	3	3	7	8							15	4	0	0	5	45
C. Reyes	Quiapo	4	1	1		5	1							6	5	0	0	0	46
	Santa Cruz	9	9	2	2	11	11							22	8	3	1	2	192
F. Castañeda	Sampaloc	18	25	8	6	26	31							57	11	14	0	6	128
S. V. del Rosario	Binondo																		
V. Pantoja	Tondo	8	11	4	0	12	11							23	5	9	5	0	93
V. Cavanna	San Nicolas	11	14	1	2	12	16							28	5	8	1	4	145
C. Victorino	Pandacan	5	1	2	0	7	1							8	1	1	4	0	82
	Santa Ana	5	3	2	2	7	5							12	3	2	4	1	88
Total		106	125	44	38	149	163			1				313	70	74	28	30	1,125

San Lazaro Hospital—Monthly Report of Women's and Leper Departments for May, 1903.

	Women's department.					Leper department.						
	Americans.	Europeans.	Filipinos.	Japanese.	Total.	Europeans.		Filipinos.		Chinese.		Total.
						M.	F.	M.	F.	M.	F.	
Number of patients in hospital at last report		6	97	79	182		1	123	81	1		206
Number of patients received during the month			5		5			4	2			6
Number of discharged cured		6	57	64	127							
Number of discharged uncured			3		3							
Number of deaths								1				1
Number of patients escaped								1				1
Number of patients remaining in hospital			42	15	57		1	125	83	1		210

General Inspection of Houses, Premises, Vaults, etc., with Improvements Ordered by Medical Inspectors, Chief Sanitary Inspectors, and Sanitary Inspectors, for Month of May, 1903.

1. Houses inspected by the Chief Sanitary Inspector	5,750
2. Houses reinspected for verification of work ordered	1,754
3. Houses inspected by sanitary inspectors	154,881
4. Houses reinspected by sanitary inspectors	41,192
5. Houses ordered cleaned (written)	114
6. Houses ordered cleaned (verbal)	20,055
7. Houses cleaned	19,854
8. Houses ordered whitewashed and painted	1,076
9. Houses whitewashed and painted	431
10. Houses disinfected	649
11. Number of houses recommended condemned and removed	34
12. Number of houses condemned and removed	22
13. Number of localities where "squatters" are located	142
14. Number of samples of water from wells sent to laboratory	0
15. Number of reports from same	0
16. Number of fire plugs opened or closed for sanitary purposes	0
17. Number of hydrants recommended reopened	0
18. Number of houses where garbage has not been removed for two days	462
19. Number of persons reported sick to municipal physicians	281
20. Cesspools and vaults ordered cleaned	1,976
21. Cesspools cleaned	1,470
22. Yards ordered cleaned	13,794
23. Yards cleaned	13,794
24. Yards ordered repaired (repaved, etc.)	458
25. Yards repaired	158
26. Number of cholera cases reported by sanitary inspectors	133
27. Number of cholera cases reported by Auxiliary Advisory Board	34
28. Number of cholera cases found "alive"	119
29. Number of cholera cases found "dead"	111
30. Number of orders issued during the month	672
31. Number of orders complied with during the month	350
32. Number of orders awaiting action	669
33. Number of orders pending in court	17
34. Number of food tiendas in district	1,237
35. Number of persons convicted for violation of food prohibition order	11
36. Average in visiting each street and barrio during month	7.3
37. Number of regular inspectors on duty	44
38. Number of emergency inspectors on duty	149
39. Number of leper cases sent to San Lazaro Hospital	4
40. Number of plague cases reported	27
41. Number of smallpox cases reported	13
42. Houses in which traps are set	3,984
43. Houses in which bane is placed	3,590
44. Traps set	14,223
45. Plates with rat bane placed	9,816
46. Rats caught by rat catchers	4,610
47. Rats caught by traps	4,889
48. Rats caught by poison	412
49. Rats purchased	150
50. Rat catchers employed	73

Station A.—Monthly Sanitary Report, Harbor and River, May 31, 1903.

Cascos, ships, and other craft inspected	2,480	Smallpox cases found	9
Cholera cases found "alive"	31	Dead bodies found in river and harbor	1
Cholera cases found "dead"	10	Cascoes, ships, and other craft disinfected	22

Burials, May, 1903.

Cemeteries.	Number.
Loma (Government)	507
Paco General (Government)	22
Santa Cruz	3
Balic-Balic	72
Binondo	14
Tondo	8
Maytubig	43
Malate	26
Pandacan	35
Chinese	72
Crematory	4
Santa Ana	23
American National Cemetery	4
Bodies embalmed	3
San Pedro Macati	1
Total	[1] 837

[1] Total deaths, including 25 childbirths and 42 transients in Manila.

Disinterments, May, 1903.

Paco Cemetery	8
Tondo	7
Santa Cruz	4
Chinese	31
Santa Ana	1
Pandacan	0
Loma	0
Total	51

Crematories.

Animals cremated.	May, 1903. Paco.	Santa Cruz.	Total.
Birds		465	465
Carabaos	7	8	15
Cats		449	449
Cows	7	50	57
Chickens	91	4,126	4,217
Dogs	4	278	282
Ducks	2	113	115
Goats	1	9	10
Horses, American	9	4	13
Horses, native	33	50	83
Hogs		10	10
Monkeys		14	14
Mules	5		5
Rats	110	9,303	9,413
Turkeys		15	15
Geese	1		1
Deer	2	2	4
Pigs	12	359	371
Rabbits		4	4
Total	284	15,259	15,543
Loads cremated:			
Preserves		20	20
Bacon		3	3
Flour		1	1
Matches		2	2
Military goods		2	2
House refuse	358	1,477	1,835
Garbage	258		258
Total	616	1,505	2,121

Veterinary Division.

WILLIAM W. RICHARDS, V. S.,
City Veterinarian.

On arrival in city:	
Number of cattle inspected	3,262
Number of hogs inspected	3,858
Number of carabaos inspected	145
Number of sheep inspected	30
Number of goats inspected	62
Number of horses inspected	229
Number of other animals inspected	12
Total	7,598

JOHN G. SLEE, D. V. S.,
Asst. City Veterinarian

In Government abattoir:	
Number of cattle slaughtered	2,288
Number of hogs slaughtered	5,882
Number of sheep slaughtered	21
Number of cattle condemned and cremated	5
Number of hogs condemned and cremated	16
Total	8,212
Number of horses condemned for glanders	12
Numbered of horses condemned for surra	0
Total	12

Reports Received of Lepers Living in the Various Provinces of the Philippine Islands to May 31, 1903.

Province.	Race.	Number of men.	Number of women.	Children. M.	Children. F.	Single. M.	Single. F.	Married. M.	Married. F.	Widower.	Widow.	Total.
Antique	Filipinos	92	37	2	2	38	28	42	4	12	5	133
Batangas	do	19	5			12	3	3	3	3		24
Bataan	do	10	4	1	1	5		3	2	2	2	16
Benguet	Igorrotes	31	10	1	1	1		21	10	9		43
Ambos Camarines	Filipinos	33	17	1	1	24	12	8	5	1		52
Bulacan	do	17	9	2	1	12	6	5	3			29
Ilocos Norte	do	45	28	5	2	9	10	31	8	5	10	80
Ilocos Sur	do	176	84	4	2	101	50	66	17	14	12	266
Leyte	do	49	38	1	3	26	27	20	7	3	4	91
Masbate	do	51	35	25	10	22	15	23	19	2	5	121
Cagayan	do	46	30		3	20	10	20	19	6	1	79
Lepanto	do	14	4	1		5	1	8		1	3	19
Cavite	do	17	5		3	16	3	1			2	25
Nueva Ecija	do	44	24			19	12	22	8	2	5	68
Negros Occidental	do	26	11	5	1	17	10	8	1	1		43
Pampanga	do	8	5	2		3	1	5	3	1		15
Pangasinan	do	120	80	2	3	36	28	65	38	19	14	205
Rizal	do	41	24	2		19	12	21	7	3	3	67
Marinduque	do	1	1	1			1	1				3
Laguna	do	1						1				1
San Lazaro	do	104	75	22	9	65	40	30	18	9	17	210
Tarlac	do	27	24	11	4	7	9	17	11	2	5	60
Sorsogon	do	75	33	1	1	33	17	40	10	3	5	161

Reports Received of Lepers Living in the Various Provinces of the Philippine Islands to May 31, 1903—Continued.

Province.	Race.	Number of men.	Number of women.	Children.		Single.		Married.		Widower.	Widow.	Total.
				M.	F.	M.	F.	M.	F.			
Romblon	Filipinos	5	10			3	6	2	3	1		15
Samar	do	39	32	13	8	17	9	21	18	3	3	92
Union	do	43	28	3		15	14	24	12	4	2	74
Zambales	do	58	35	2		30	15	26	13	4	5	95
Mindanao	Moros	140	74	3	3	84	46	45	18	9	12	220
Cebú	Filipinos	171	89	5	4	136	64	33	21	3	3	269
Iloilo	do	231	66	11	2	113	37	94	9	24	20	310
Negros Oriental	do	66	42	6	2	27	23	32	14	7	5	116
Isabela de Luzon	do	18	4	1		3	1	10	3	5		23
Tayabas	do	1								1		1
Albay	do	68	33	1	1	30	18	27	10	11	5	103
Nueva Vizcaya	do	13	12	2		7	3	4	6	2	3	27
Abra	do	11	6			5	4	5	2	1		17
Bohol	do	46	46	5	1	20	19	27	17	3	6	98
Capiz	do	44	33	19	9	26	24	13	12	1	1	105
Total		2,001	1,093	160	77	1,006	578	824	351	177	158	3,331

Summary of the Number of Cases and Deaths from Cholera in the City of Manila from the 21st of March, 1902, to the 30th of April, 1903, inclusive.

Months.	Cases.					Deaths.					Per cent.
	Filipinos.	Chinese.	Americans.	Europeans.	Total.	Filipinos.	Chinese.	Americans.	Europeans.	Total.	
1902.											
March 21 to 31	133	5		1	139	55	5		1	61	44
April 1 to 30	469	57	11	9	546	345	30	6	4	385	70
May 1 to 2, 16 to 31	243	27	8	3	281	382	48	13	2	445	
June 1 to 30	521	28	13	9	571	464	15	9	1	489	85
July 1 to 31	1,241	73	44	28	1,386	961	70	22	13	1,066	76
August 1 to 31	584	74	37	22	717	481	74	19	13	587	81
September 1 to 30	251	24	15	6	296	162	19	4	4	189	63
October 1 to 31	66	11	5	3	85	47	8	1	3	59	69
November 1 to 30	301	17	13	10	341	225	21	6	4	256	75
December 1 to 31	35	1	1	1	38	22	1			23	60
1903.											
January 1 to 31	3	3	1		7	2	2			4	57
February 1 to 28	2				2	2				2	100
March 1 to 31	5				5	5				5	100
April 1 to 30	29	[1]3			32	25	3			28	87
Total	[2]4,147	323	148	92	4,710	3,178	296	80	45	3,599	76.41

Daily Report of Cholera for Manila from May 1 to May 31, 1903.

CASES.

Date.	Walled City.				Binondo.				San Nicolas.				Tondo.				Santa Cruz.				Quiapo.				Sampaloc.				San Miguel.							
	Americans.		Filipinos.		Filipinos.		Chinese.		Filipinos.		Chinese.		Filipinos.		Chinese.		Filipinos.		Chinese.		Filipinos.		Chinese.		Americans.		Filipinos.		Chinese.		Americans.		Foreigners.		Filipinos.		Chinese.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
May 1									1				1																						1			
May 2					2				2				1								1																	
May 3					1				3					1													1											
May 4													2								1						1											
May 5									4				1															1							1	2		
May 6													1				2	1									2	1								1		
May 7					1		1											2									1											
May 8				1	1				2	2			2																							1		
May 9									2				1	1													2											
May 10				1	1				2	1			2	1													1								1			
May 11										2							1																			1		
May 12									2	1			3	1				1									1											
May 13													3					1								1	1						1					
May 14													2		1													1							1			
May 15						1								1	[1]1			1			1						1											
May 16				1					1				2	1														2										
May 17									5	1	1							1									1		1						1			
May 18					1	1				1			1	1			2	1																				
May 19									2	1	1			1																								
May 20					1				6					1																								
May 21											1		1																1									
May 22									3													1					1											
May 23									4		[1]1		1					1							1		3								1			
May 24											1		1														2											
May 25				1					3					1													1											
May 26														1				1									1											
May 27	1								3					1																					1			
May 28			1				1		2	1			1				1										1	1										
May 29							1		1								1																					
May 30																											1								1			
May 31					1																														1			
Total	1		1	4	9	2	3		48	10	5		26	12	2		7	10			3	1			1	1	22	6	2				1	7	7			

Daily Report of Cholera for Manila from May 1 to May 31, 1903—Continued.

Date.	Paco.				Ermita.				Malate.				Pandacan.				Santa Ana.				Total.	Deaths.								Grand total.
	Filipinos.		Chinese.		Filipinos.		Chinese.		Filipinos.		Chinese.		Filipinos.		Chinese.		Filipinos.		Chinese.			Americans.		Foreigners.		Filipinos.		Chinese.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.		M.	F.	M.	F.	M.	F.	M.	F.	
May 1																					3					6	1			7
May 2																					6					5	2			7
May 3	1																				7					7	2			9
May 4																					4					6				6
May 5																					9					2	1			3
May 6					2																10					5	2			7
May 7																					5					5	3	1		9
May 8	1													2							12					6	3			9
May 9					1																7					6	3			9
May 10		1				1									1						13					6	2			8
May 11					1																5					4	3			7
May 12																	1				10					4	4	1		9
May 13																					7				1	2	2			5
May 14														1			1				7					2	1			3
May 15									[2]1												7	1				4	4	[1]1		10
May 16																	1				8					2	3	1		6
May 17									1												12					9	1			10
May 18																		1			9					4	6	1		11
May 19	1	1												1			1	1			10					5	1			6
May 20		1															1				10					5	4	1		10
May 21															2						5					1	1	1		3
May 22						1							1								7					6				6
May 23																					12					4	3	[1]1		8
May 24													2								6					3		1		4
May 25		1															2				9					7	3			10
May 26																					3					1	2			3
May 27					1								1				1				9	2				4	2			8
May 28																					9					5	1	1		7
May 29	1																				4					3		1		4
May 30																	1				3					3				3
May 31																					2					2				2
Total	4	4			5	2			2				4	4	3		9	2			230	3			1	134	60	11		209

[1]Japanese. [2]American.

Cholera Repoted from Provincial Towns in the Philippine Islands, from May 1 to May 31, 1903.

Province.	Place.	Cases.	Deaths.
Misamis	Iligan	104	48
	Langaran	333	101
	El Salvador	18	16
	Misamis	9	9
	Initao	19	12
		483	186
Albay	Albay	21	14
	Daraga	7	7
	Camalig	30	30
	Polangui	8	5
	Ligao	11	11
	Oas	9	9
	Libon	5	4
	Guinobatan	119	118
		210	198
Capiz	Pontevedra	16	6
	Maayon	5	5
	Panay	37	22
	Panitan	20	12
	Dao	1	1
		79	46
Leyte	Palo	1	1
	Baybay	24	16
		25	17
Cagayan	Aparri	252	158
	Lalloc	29	28
	Camalaningan	53	43
		334	229
Cavite	Cavite	3	
Samar	Villareal	12	12
Sorsogon	Pilar	43	30
Bulacan	Paombong	16	9
	Barasoain	1	
		17	9
Ilocos Norte	Laoag	7	5
	Samas (San Nicolás)	1	6
		8	11
Bohol	Tagbilaran	9	5
	Loon	3	4
		12	9
Occidental Negros	Castellano		2
	San Cárlos	51	33
		51	35
Iloilo	Iloilo	3	3
	Camp William McKinley	3	3
		6	6
Pampanga	Candaba	68	49
Masbate	Aroruy	10	3
	San Jacinto	5	1
		15	4
Camarines	Nueva Caceres	16	14
	Nabua	6	6
		22	20
Rizal	San Mateo	2	2
	Pasig	11	7
	Pasay	2	
	San Juan del Monte	1	1
		16	10
Cebu	Cebu	19	12
Total		1,423	883

Statement of amount of vaccine virus distributed by the Board of Health during the Month of May, 1903.

	Units.		Units.
United States Army	10,060	Amount of virus sold to the public	610
United States Navy	0	Amount of virus issued to public vaccinators of Manila	24,000
United States Marine-Hospital Service	0		
Philippine Civil Hospital	100	Total	125,[illegible]25
Inhabitants of the Philippine Islands (Manila not included)	90,955		

Report on Vaccination, City of Manila, During the Month of May, 1903.

SATURNINO ESPEJO, Chief of Vaccinators.

	Children.			Adults.			Total.			Grand total.
	Filipinos.	Chinese.	Americans and foreigners.	Filipinos.	Chinese.	Americans and foreigners.	Filipinos.	Chinese.	Americans and foreigners.	
Walled City	260		1	478	2	63	738	2	64	804
Binondo	410			1,016		41	1,426		41	1,467
San Nicolas	552		1	1,268		13	1,820		14	1,834
Tondo	2,422		2	3,035		22	5,457		24	5,481
Santa Cruz	840			1,013		1	1,853		1	1,854
Quiapo	538		4	955		11	1,493		15	1,508
San Miguel	340		1	362		4	702		5	707
Sampaloc	564			792	4	42	1,356	4	42	1,402
Paco	317			515	2	5	832	2	5	839
Ermita	300			327			627			627
Malate	348			414		3	762		3	765
Pandacan	69			75			144			144
Santa Ana										
Total	6,960		9	10,250	8	205	17,210	8	214	17,432

Daily Report of Smallpox for Manila from May 1 to May 31, 1903.

Date.	Smallpox.							
	Cases.					Deaths.		
	Americans.		Filipinos.		Total.	Filipinos.		Total.
	M.	F.	M.	F.		M.	F.	
May 1				1	1			
May 2								
May 3				1	1			
May 4			1		1			
May 5			1	1	2			
May 6				1	1			
May 7			2	1	3			
May 8				1	1			
May 9								
May 10						1		1
May 11				1	1			
May 12				1	1			
May 13								
May 14			1		1			
May 15				1	1			
May 16			1	2	3			
May 17								
May 18								
May 19			1		1	1		1
May 20								
May 21								
May 22	1				1			
May 23								
May 24				1	1			
May 25								
May 26								
May 27								
May 28								
May 29								
May 30								
May 31				1	1			
Total	1		7	13	21	2		2

Daily Report of Bubonic Plague for Manila from May 1 to May 31, 1903.

Date.	Bubonic plague.													
	Cases.							Deaths.						
	Filipinos.		Foreigners.		Chinese.		Total.	Filipinos.		Foreigners.		Chinese.		Total.
	M.	F.	M.	F.	M.	F.		M.	F.	M.	F.	M.	F.	
May 1														
May 2					1		1					1		1
May 3		1			1		2		1			1		2
May 4	1						1							
May 5					1		1					1		1
May 6														
May 7		1			1		2					1		1
May 8		1					1							
May 9					2		2							
May 10												2		2
May 11					2		2					2		2
May 12					1		1							
May 13														
May 14	1						1					1		1
May 15														
May 16	1				1		2							
May 17					1		1	1				2		3
May 18	1						1	1						1
May 19									1					1
May 20					2		2					2		2
May 21														
May 22														
May 23	1		1				2	1						1
May 24			1				1	1		1				2
May 25														
May 26	1				2		3					2		2
May 27														
May 28												1		1
May 29														
May 30					1		1							
May 31														
Total	6	3	2		16		27	4	2	1		16		23

Report from the Bureau of Government Laboratories for the Month of May, 1903.

Analyses.

Gravel	2
Mineral (for paint)	3
Assays	30
Urine	16
Kerosene	2
Forage	1
Coal	6
Glycerin	1
Mineral	1
Paints	3
Salt	4
Total	69

Clinical Examinations.

	Positive.	Negative.	Total.
Sputa (tuberculosis)	2	20	22
Smears for gonococci	111	311	422
Feces		27	40
Amebæ dysenteriæ	6		
Other amebæ	1		
Monads	9		
Ova trichocephalus dispar	1		
Ova uncinaria	1		
Ova ascaris lumbricoides	1		
Blood examinations			45
Erythrocytes— Number	3		
Leucocytes— Number	7		
Malaria		14	
Agglutination tests— B. typhosus	2	12	
Bacteriologic examination of water			2
Microscopic examination of urine			13
Necropsies			47
Plague	8		
Asiatic cholera	28		
Other diseases	11		
Miscellaneous examinations			8
Total			599

Philippine Weather Bureau—Manila Central Observatory. Bulletin for May, 1903. Meteorological Data Deduced from Hourly Observations.

Date.	Barometer.[1] Mean.		Temperature. Mean.		Temperature. Maximum.		Temperature. Minimum.		Relative humidity, mean.	Prevailing direction.	Wind. Total daily motion.		Wind. Maximum. Force.		Wind. Maximum. Direction.	Sunshine.	Rainfall.	
	Inches.	*mm.*	°*C.*	°*F.*	°*C.*	°*F.*	°*C.*	°*F.*	*Per ct.*		*Km.*	*Miles.*	*Km.*	*Miles.*		*h. m.*	*Inch.*	*mm.*
1	29.923	760.03	28.9	84.0	34.2	93.5	21.8	71.3	65.8	W.	191	119	18	11	NW.	10–15		
2	29.917	59.88	28.9	84.0	33.6	92.5	23.3	73.9	61.4	SE.	251	156	30	19	SE.	6–40		
3	29.900	59.45	28.7	83.7	36.0	96.8	20.9	69.7	58.1	SSE.	260	162	20	12	WSW.	11–00		
4	29.901	59.48	28.5	83.3	33.2	91.8	22.2	71.9	64.2	SE.	206	128	20	12	WNW.	7–00		
5	29.930	60.21	29.1	84.4	35.2	95.3	22.5	72.5	59.6	SE.	324	201	32	20	SSE.	10–25		
6	29.911	59.73	28.3	82.9	35.0	95.0	21.3	70.3	57.8	E-SSE.	305	190	32	20	SSE.	10–30		
7	29.853	58.24	29.6	85.3	36.5	97.7	22.6	72.7	54.6	E-SSE.	275	171	24	15	SW. by W.	10–30		
8	29.851	58.21	29.1	84.4	33.1	91.5	23.1	73.5	64.9	WSW.	286	178	31	19	WSW.	10–30		
9	29.888	59.14	28.5	83.3	32.9	91.3	24.7	76.5	71.8	Variable.	178	111	20	12	W.	3–35		
10	29.902	59.49	29.0	84.2	34.0	93.2	22.7	72.8	68.8	SE.	182	113	18	11	WNW.	8–10		
11	29.922	59.99	30.1	86.2	36.2	97.2	23.2	73.7	60.9	SE.	228	142	20	12	SE.	10–45		
12	29.894	59.29	29.6	85.3	34.6	94.2	23.2	73.8	64.8	WSW.	218	135	18	11	WNW.	10–30		
13	29.848	58.12	29.9	85.8	34.1	93.4	23.9	75.1	68.0	W.	306	190	30	19	WSW.	9–20		
14	29.863	58.50	30.8	87.4	34.0	93.2	26.0	78.8	67.4	WSW.	255	158	24	15	WSW.	10–15		
15	29.862	58.49	30.2	86.4	34.3	93.7	25.6	78.1	65.7	Variable.	166	103	19	12	W.	6–00		
16	29.846	58.08	30.6	87.1	36.8	98.2	24.3	75.7	63.0	SE.	191	119	22	14	SE.	6–20		
17	29.837	57.84	30.4	86.7	36.4	97.6	24.3	75.8	61.2	SE.	362	225	28	18	SE. by S.	9–00		
18	29.867	58.60	30.3	86.5	36.1	96.9	24.4	76.0	55.1	SE.	352	219	34	21	SE.	10–55		
19	29.924	60.05	29.3	84.7	36.1	97.0	22.4	72.3	59.4	SE.	324	201	31	19	S.	10–30		
20	29.894	59.31	30.0	86.0	35.8	96.4	20.9	69.7	58.4	SE.	376	234	36	22	SSE.	10–00		
21	29.849	58.14	29.4	84.9	35.7	96.2	23.3	74.0	55.7	SE.	302	188	30	19	SE.	9–45		
22	29.798	56.86	29.4	84.9	35.1	95.2	21.5	70.7	63.0	WSW.	250	155	22	14	SW. by W.	10–30		
23	29.820	57.43	30.2	86.4	34.6	94.3	24.2	75.5	66.6	WSW.	298	185	31	19	WSW.	9–30		
24	29.871	58.71	28.6	83.5	34.0	93.2	24.6	76.3	75.1	NE., E.	178	111	18	11	ENE.	1–20		
25	29.882	58.99	27.4	81.3	31.9	89.4	22.3	72.1	79.1	W.	198	123	18	11	SE.	3–25	0.287	7.3
26	29.856	58.32	29.4	84.9	36.1	96.9	23.2	73.8	71.2	SE.	266	165	22	14	SE.	8–10		
27	29.887	59.13	28.1	82.6	32.9	91.3	23.4	74.1	74.2	E., SE.	248	154	20	12	N.	2–45		
28	29.896	59.35	28.9	84.0	33.4	92.2	22.2	71.9	66.3	E.	224	139	19	12	W.	6–25		
29	29.882	59.01	26.6	79.9	28.9	84.0	24.7	76.5	82.6	NE.	109	68	13	8	NE.	0–00	.287	7.3
30	29.884	59.05	29.1	84.4	34.9	94.9	22.8	73.0	64.5	ESE.	252	157	24	15	ESE.	9–20		
31	29.864	58.53	29.1	84.4	34.6	94.3	23.9	75.0	66.6	E.-SE.	318	198	29	18	SE.	7–45	.020	.5
Mean	29.878	758.89	29.2	84.6	34.5	94.1	23.2	73.8	65.0		254.2	158.0	24.3	15.1		8–06		
Total											7,879	4,898				251–05	.594	15.1

[1] Corrected for instrumental error and for temperature and reduced to sea level. Correction to standard gravity, —1.72mm (—0.068 inch).

From Pres. Office Nov 5 - 03

GENERAL LIBRARY
UNIV. OF MICH.
NOV 14 1903

MONTHLY REPORT

OF THE

Board of Health for the Philippine Islands

AND

CITY OF MANILA,

JUNE, 1903.

TO THE HON. DEAN C. WORCESTER, SECRETARY OF THE INTERIOR.

Maj. E. C. CARTER, M. D., U. S. Army,
Commissioner of Public Health.

Capt. E. L. MUNSON, A. M., M. D., U. S. Army,
Assistant to Commissioner of Public Health.

H. D. OSGOOD, B. S.,
Sanitary Engineer.

T. R. MARSHALL, M. D.,
Chief Health Inspector.

P. C. FREER, M. D., Ph. D.,
Superintendent of Government Laboratories.

MANUEL GOMEZ MARTINEZ, M. D.,
Secretary Board of Health.

MANILA:
BUREAU OF PUBLIC PRINTING.
1903.

7678

LETTER OF TRANSMITTAL.

DEPARTMENT OF THE INTERIOR, BUREAU OF PUBLIC HEALTH FOR PHILIPPINES,
Manila, P. I., August 19, 1903.

SIR: I have the honor to submit herewith the following report of the Board of Health for the Philippine Islands and the city of Manila for the month of June, 1903, and would invite your attention to some of the more important points therein, as follows:

The death rate for the month of June, based on the estimated population of 302,154, was at the rate of 23.85 per 1,000 annually, showing a considerable decrease as compared with the month of May, but a slight increase over the rate for the first four months of the present year. The death rate for the first six months of the present year and the three previous years, reduced to an annual rate per 1,000, is as follows:

1900.	1901.	1902.	1903.
40.90	38.99	44.91	23.75

The comparison of these statistics for corresponding periods of six months in four consecutive years shows the effect upon death rates of the sanitary improvements which have been brought about by the Board of Health since its establishment and the practical efficiency of the methods employed. The high rate of mortality in the first six months of the year 1902 was due to Asiatic cholera; but the fact should not be overlooked, in connection with the much lower death rate among the same population for the corresponding period in the present year, that the infection of cholera is at present even more widely distributed over the Islands than it was a year ago at this time, and is being constantly introduced into Manila among a population fully as liable, now as then, to develop cholera in epidemic form. Cholera has not been absent from Manila during a single month of the first half of the present year, yet, with the exception of a sudden and soon-controlled rise in the number of cases in the month of May, there has been little spread of the disease from the cases which have occurred, and it has not been able to assume any serious epidemic form. From the beginning of the cholera epidemic on March 21, 1902, to June 30, 1902, a little more than three months, there occurred in the city of Manila 1,801 cases of the disease, with 1,401 deaths; for the whole six months, January 1 to June 30, of the present year, there have occurred but 317 cases, with 288 deaths, among the same population. That this great reduction in the mortality from cholera was not due to a decreased virulence in the type of the disease is shown by the fact that of all who contracted cholera in the above period of 1902 but 77.79 per cent died, while of those who have contracted the disease during the present year down to July 1 no less than 90.85 per cent have died—thus while but 17.5 per cent as many individuals have contracted cholera this year as a year ago, where the disease has occurred it has been more fatal by 14.5 per cent.

As the sanitary statistics for the years 1902 and 1903 are based on exactly the same estimate of population, the conclusion is inevitable that, while much was accomplished in Manila to limit and control cholera in 1902, the more thoroughly organized sanitary machinery in operation at the present time has permitted the more effective application of the necessary prophylactic and repressive measures. During the month of June, 1903, there were 39 cases of cholera in the city, with 38 deaths; giving a case mortality for the month of 97.43 per cent.

The number of cases of bubonic plague occurring during the month of June was 32, with 25 deaths. Of these cases but 9 occurred in Chinese and the remainder occurred in Filipinos. This relative proportion of plague cases for the month is in marked contrast with that of previous months, when this disease particularly prevailed among the Chinese population. The number of cases, by months, during the present year has been as follows:

Month.	Cases in Filipinos.	Cases in Chinese.	Total cases.
January	2	0	2
February	10	7	17
March	16	25	41
April	15	35	*52
May	9	16	†27
June	23	9	32
Total	75	92	171

*Two cases in Americans. †Two cases in foreigners.

Up to the month of June 60.4 per cent of all the plague cases occurring in the city of Manila appeared among the Chinese, while the Filipino population, many times greater in size, furnished but 39.6 per cent of the total cases. On May 11 the general inoculation of the Chinese population against plague was ordered and the work was begun on May 15 and continued during May and June. As the number of inoculations increased, a marked decrease in the relative number of cases of plague occurring among the Chinese was noted, and during the month of June this class of the population, instead of furnishing, as previously, twice as many cases of plague as the Filipinos, furnished less than half as many. The only difference with respect to the two classes, in the preventive measures employed, consisted in the compulsory inoculation of the Chinese. These amounted, on June 30 to 1,135 primary and 3,608 secondary inoculations, which represented to the protection against plague of only a portion of the Chinese population, but as these inoculations were largely carried out in the most infected districts in the city, and as the Chinese living in the most unsanitary houses—who were particularly liable to plague—were largely selected for operation, the results above mentioned can better be understood. There seems to be no question but that general prophylactic inoculation of a susceptible class is the most important and effective agent in combating this disease. In Hongkong, where the plague epidemic of this year started at about the same time as in Manila and progressively increased for the first few months in the same way, stringent measures looking to the destruction of rats and the sanitation of houses were instituted, but the compulsory inoculation of the population was not required. From January 1, 1903, to July 4, 1903, there were 1,299 cases of plague, with 1,143 deaths, in Hongkong, and the number of cases of this disease amounted to as high as 136 in one week. In Bombay, India, for the three months of January, February, and March of the present year, there were 11,052 deaths from bubonic plague in a population given as 776,006, and the total death rate for these three months was at the rate of 106.84 per 1,000 population annually. Bearing these facts in mind, and especially considering the tendency toward rapid increase of plague during the first months of the outbreak here during the present year, there would seem to be just cause for belief that a highly destructive epidemic has been averted in Manila only through the effectiveness of the preventive measures employed.

During the month of June the number of deaths from the most important diseases was as follows: Convulsions of children, 128; pulmonary tuberculosis, 77; Asiatic cholera, 38; eclampsia, nonpuerperal, 34; acute bronchitis, 24; chronic bronchitis, 23; bubonic plague, 22; dysentery, 21; chronic diarrhea, 18; beri-beri, 17; malarial fevers, 16; meningitis, 13; typhoid fever, 7; and smallpox, 3.

It is seen from the above figures that during the past month the deaths reported from "convulsions of children" alone—with the mortality from which, however, the deaths from tetanus are probably confused—are but little less than the combined mortality from pulmonary tuberculosis, Asiatic cholera, bubonic plague, and smallpox, while they exceed the combined mortality from such formidable diseases as plague, cholera, smallpox, dysentery, malarial fevers, typhoid fever, and beri-beri. Out of a total of 614 deaths occurring in the city during the month, no less than 236, or 38.43 per cent, occurred in infants under one year of age, stillbirths not included. This excessive rate of death among infants depends upon ignorance on the part of the great mass of the population with respect to the care of children, upon improper methods of feeding, and upon the nonavoidance of infection of the umbilical cord. In the presence of epidemic infectious diseases of a nature calcul ted to excite much popular apprehension, the question of this excessive infant mortality has been temporarily disregarded. It is evident, however, that it is the most important factor in maintaining the present rate of mortality in the city, and that future improvement in this death rate can best be accomplished by saving the lives of the many children now being lost through preventable causes.

Very respectfully,

E. L. MUNSON,
Captain, Assistant Surgeon, U. S. Army,
Acting Commissioner of Public Health.

The Honorable SECRETARY OF THE INTERIOR,
Manila, P. I.

Population of Manila.

Filipinos	223,900
Chinese	60,680
Foreigners	7,852
Americans	9,722
Total	302,154

Deaths Occurring During the Month of June.

Filipinos	531
Chinese	48
Foreigners	9
Americans	4
Total	592

Annual Death Rate per Thousand for the Month.

Filipinos	28.33
Chinese	9.63
Foreigners	13.95
Americans	5.01
Average	23.85

A Classified Report of all Deaths Occurring in Manila During the Month of June, 1903.

Males.

Married	84
Widower	16
Single	88
Boys	166
Condition not stated in certificate	19
Total	373

Females.

Married	55
Widows	27
Single	26
Girls	132
Condition not stated in certificate	1
Stillbirths	21
Total	262
Grand total	635

Of the grand total of 635 deaths 22 were those of transients, while 592 were permanent residents of Manila and 21 were stillbirths.

Deaths by Age.

Under 30 days	70
30 days to 1 year	166
1 year to 2 years	33
2 years to 5 years	19
5 years to 10 years	10
10 years to 15 years	9
15 years to 20 years	20
20 years to 25 years	33
25 years to 30 years	33
30 years to 40 years	78
40 years to 50 years	43
50 years to 60 years	39
60 years to 70 years	26
70 years to 80 years	19
80 years to 90 years	11
90 years to 100 years	1
Over 100 years	1
Unknown	3
Total	*614

Deaths by Districts.

Walled City	34
Binondo	44
San Nicolas	61
Tondo	146
Santa Cruz	98
Quiapo	33
Sampaloc	44
San Miguel	23
Paco	40
Ermita	16
Malate	23
Pandacan	11
Santa Ana	17
Transient residents	22
Unknown (1 body proceeding from Pasay)	2
Total	*614
Number of deaths with medical attendance	347
Number of deaths without medical attendance	267
*Total	*614

21 of above were stillbirths.

Comparative Mortality from June 1, 1903, to June 30, 1903.

Month.	1900.		1901.		1902.		1903.	
	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.
January	[1] 1,055	50.65	753	36.22	760	30.46	[3] 602	23.46
February	[1] 884	47.08	689	36.69	706	30.81	[3] 511	22.05
March	[1] 887	42.67	885	42.67	[3] 770	30.02	[3] 539	21.01
April	[1] 805	40.02	886	44.04	[3] 1,327	53.46	549	22.12
May	[1] 732	35.21	[1] 903	43.44	[3] 1,688	65.81	770	30.02
June	[1] 599	29.79	[1] 621	30.89	[3] 1,418	57.13	592	23.85
July	[1] 787	37.09	[2] 608	28.46	[3] 2,223	86.68		
August	[1] 825	38.88	[2] 702	33.08	[3] 1,712	66.75		
September	[1] 1,027	50.01	[2] 767	37.25	[3] 1,132	45.61		
October	[1] 961	38.44	[2] 855	40.29	[3] 927	36.14		
November	[1] 976	48.43	[2] 848	41.29	[3] 1,035	41.70		
December	[1] 905	43.54	[2] 858	40.43	[3] 753	29.36		

[1] Death rate computed on population of 244,732 (Health Department's census); stillbirths included.
[2] Death rate computed on population of 250,000; stillbirths not included.
[3] Death rate computed on population of 302,154; stillbirths not included.

CAUSES OF DEATHS FOR THE MONTH OF JUNE, 1903.

(STILLBIRTHS NOT INCLUDED.)

	NOMENCLATURE DESIGNED FOR THE STATISTICS OF DEATH.	NOMENCLATURA PARA LAS ESTADÍSTICAS DE DEFUNCIONES.	Americans.		Europeans.		Filipinos.		Chinese.		Total.
			M.	F.	M.	F.	M.	F.	M.	F.	
	I.	**I.**									
	General Diseases.	**Enfermedades Generales.**									
1	Typhoid fever (abdominal typhus)	Fiebre tifoidea					4	3			7
2	Exanthematic typhus	Tifus exantemático									
3	Recurrent fever	Fiebre recurrente									
4	Intermittent fever, and malarial cachexia	Fiebre intermitente					7	1	1		9
4a	Malarial cachexia	Caquexia palúdica					3	2	2		7
5	Variola	Viruelas					2				2
6	Measles	Sarampión									
7	Scarlatina	Escarlatina									
8	Whooping cough	Tos ferina									
9	Diphtheria and croup	Difteria y crup									
9a	Diphtheria	Difteria									
10	Grippe	Gripe									
11	Miliary fever	Fiebre miliar									
12	Asiatic cholera	Cólera asiático			1		23	11	3		38
13	Cholera, nostras	Cólera nostras									
14	Dysentery	Disenteria			2	1	8	7	3		21
14a	Epidemic dysentery	Disenteria epidémica									
15	Plague	Peste					6	6	10		22
16	Yellow fever	Fiebre amarilla									
17	Leprosy	Lepra					1				1
18	Erysipelas	Erisipelas									
19	Other epidemic affections (beri-beri)	Otras afecciones epidémicas (beri-beri)					9	3	5		17
20	Purulent infection and septicæmia	Infección purulenta y septicemia					1	2			3
21	Glanders and farcy	Muermo y lamparones									
22	Malignant pustule and anthrax	Pústula maligna y antrax									
23	Rabies	Rabia									
24	Actinomycosis, trichinosis, etc	Actinomicosis, trichinosis, etc									
25	Pellagra	Pelagra									
26	Tuberculosis of larynx	Tuberculosis de la laringe					2	4			6
27	Tuberculosis of lungs	Tuberculosis del pulmón					37	32	8		77
28	Tuberculosis of meninges	Tuberculosis de las meninges						1			1
29	Tuberculosis of abdomen	Tuberculosis abdominal					3	1			4
30	Pott's disease	Mal de Pott					1				1
31	Cold abscess and abscess by congestion	Abscesos fríos y por congestión									
32	White swellings	Tumores blancos						1			1
33	Tuberculosis of other organs	Tuberculosis de otros órganos									
34	Generalized tuberculosis	Tuberculosis generalizada									
35	Scrofula	Escrófula									
36	Syphilis	Sífilis					1		1		2
37	Gonorrhea of the adult	Blenorragia en los adultos									
38	Gonococcic infections of children	Afecciones gonocócicas en los niños									
39	Cancer and other malignant tumors of the bucal cavity.	Cáncer ú otros tumores malignos en la cavidad bucal									
40	Cancer and other malignant tumors of the stomach and liver.	Cáncer ú otros tumores malignos del estómago é hígado.									
41	Cancer and other malignant tumors of peritoneum, intestines, and rectum.	Cáncer ú otros tumores malignos del peritoneo, intestinos y recto.									
42	Cancer and other malignant tumors of the female genitals.	Cáncer ú otros tumores malignos de los órganos genitales de la mujer.									
43	Cancer and other malignant tumors of the breast	Cáncer ú otros tumores malignos de la mama									
44	Cancer and other malignant tumors of the skin	Cáncer ú otros tumores malignos de la piel									
45	Cancer and other malignant tumors of other organs and organs not specified.	Cáncer ú otros tumores malignos en otros órganos									
46	Other tumors (tumors of the female genitals excepted)	Otros tumores (exceptuándose los de los órganos genitales de la mujer).									
47	Acute articular rheumatism	Reumatismo articular agudo									
48	Chronic rheumatism, and gout	Reumatismo crónico y gota					1	2			3
49	Scurvy	Escorbuto					1				1
50	Diabetes	Diabetes									
51	Exophthalmic goiter	Bocio exoftálmico									
52	Addison's disease	Enfermedad bronceada de Addison									
53	Leukæmia	Leucemia									
54	Anæmia, chlorosis	Anemia, clorosis					2	1	1		4
55	Other general diseases	Otras enfermedades generales					1	1			2
56	Acute alcoholism or chronic	Alcoholismo agudo ó crónico						1			1
57	Lead poisoning	Saturnismo									
58	Other poisonings incident to occupations	Otras intoxicaciones profesionales crónicas									
59	Other chronic poisonings	Otros envenenamientos crónicos									
	II.	**II.**									
	Diseases of the Nervous System and the Organs of Special Sense.	**Enfermedades del Sistema Nervioso y de los Organos de los Sentidos.**									
60	Encephalitis	Encefalitis						1			1
61	Simple meningitis	Meningitis simple			1		7	5			13
61a	Epidemic cerebro-spinal meningitis	Meningitis cérebro-espinal epidémica									
62	Progressive locomotor ataxia	Ataxia locomotriz progresiva					1				1
63	Other diseases of the spinal cord	Otras enfermedades de la médula espinal					1				1
64	Cerebral congestion and hemorrhage	Congestión y hemorragia cerebrales					2	3			5
65	Cerebral softening	Reblandecimiento cerebral			1						1
66	Paralysis without apparent cause	Parálisis sin indicación de causa									
67	General paralysis	Parálisis generales					1	1			2

	NOMENCLATURE DESIGNED FOR THE STATISTICS OF DEATH.	NOMENCLATURA PARA LAS ESTADÍSTICAS DE DEFUNCIONES.	Americans. M.	Americans. F.	Europeans. M.	Europeans. F.	Filipinos. M.	Filipinos. F.	Chinese. M.	Chinese. F.	Total.
	II.—Diseases of the Nervous System and the Organs of Special Sense—Continued.	**II.—Enfermedades del Sistema Nervioso y de los Organos de los Sentidos—Continuación.**									
68	Other forms of insanity	Otras formas de alienación mental							1		1
69	Epilepsy	Epilepsia									
70	Eclampsia (nonpuerperal)	Eclampsia (no puerperal)					21	13			34
71	Convulsions of children	Convulsiones en los niños					72	56			128
72	Tetanus	Tétano					4	1			5
73	Chorea	Corea									
74	Other diseases of the nervous system	Otras enfermedades del sistema nervioso					2				2
75	Diseases of the eye and its adnexa	Enfermedades de ojos y sus anexos						1			1
76	Diseases of the ear	Enfermedades de los oídos									
	III.	**III.**									
	Diseases of the Circulatory System.	**Enfermedades del Aparato Circulatorio.**									
77	Pericarditis	Pericarditis									
78	Acute endocarditis	Endocarditis aguda									
79	Organic disease of the heart	Enfermedades orgánicas del corazón	2				1	2	5		10
80	Angina pectoris	Angina de pecho					3	2	1		6
81	Affections of the arteries (atheroma, aneurism, etc.)	Afecciones de las arterias, etc					2				2
82	Embolus and thrombosis	Embolia y trombosis						2			2
83	Affections of the veins (varices, hemorrhoides, phlebitis).	Afecciones de las venas									
84	Affections of the lymphatic system (lymphangitis, etc.).	Afecciones del sistema linfático									
85	Hemorrhages	Hemorragias									
86	Other affections of the circulatory system	Otras afecciones del aparato circulatorio									
	IV.	**IV.**									
	Diseases of the Respiratory System.	**Enfermedades del Aparato Respiratorio.**									
87	Diseases of the nasal fossæ	Enfermedades de las fosas nasales									
88	Affections of the larynx	Afecciones de la laringe									
89	Affections of the thyroid body	Afecciones del cuerpo tiroideo									
90	Acute bronchitis	Bronquitis aguda					11	13			24
91	Chronic bronchitis	Bronquitis crónica					9	13	1		23
92	Broncho-pneumonia	Bronco-pneumonia						2			2
93	Pneumonia	Pneumonía									
94	Pleurisy	Pleuresía									
95	Pulmonary congestion and apoplexy	Congestion y apoplegía pulmonares						3			3
96	Gangrene of the lungs	Gangrena del pulmón									
97	Asthma	Asma					5	1			6
98	Pulmonary emphysema	Enfisema pulmonar									
99	Other diseases of the respiratory system (phthisis excepted).	Otras enfermedades del aparato respiratorio (exceptuándose la tisis).									
	V.	**V.**									
	Diseases of Digestive System.	**Enfermedades del Aparato Digestivo.**									
100	Affections of the mouth and its adnexa	Afecciones de la boca y de sus anexos									
101	Affections of the pharynx	Afecciones de la faringe									
102	Affections of the esophagus	Afecciones del esófago									
103	Ulcer of the stomach	Ulcera del estómago									
104	Other affections of the stomach (cancer excepted)	Otras afecciones del estómago (exceptuándose el cáncer).					2	2			4
105	Diarrhea and enteritis (under two years)	Diarrea y enteritis (en niños menores de 2 años)					2	1			3
105a	Chronic diarrhea and enteritis	Diarrea y enteritis crónica					8	10			18
106	Diarrhea and enteritis (two years and over)	Diarrea y enteritis (en niños de 2 ó más años)									
107	Intestinal parasites	Parásitos intestinales									
108	Hernias; intestinal obstructions	Hernias; obstrucciones intestinales					1				1
109	Other affections of the intestines	Otras afecciones del intestino									
110	Acute yellow atrophy of the liver	Ictericia grave									
111	Hydatid tumors of the liver	Tumores hidátidicos del hígado									
112	Cirrhosis of the liver	Cirrosis del hígado									
113	Biliary calculi	Cálculos biliares					2				2
114	Other affections of the liver	Otras afecciones del hígado					1				1
115	Affections of the spleen	Afecciones del bazo									
116	Simple peritonitis (puerperal excepted)	Peritonitis simple (exceptuándose la puerperal)						2			2
117	Other affections of the digestive system (cancer and tuberculosis excepted).	Otras afecciones del aparato digestivo (exceptuándose el cáncer y tuberculosis).									
118	Appendicitis and abscess of the iliac fossa	Apendicitis y flemón de la fosa iliaca									
	VI.	**VI.**									
	Diseases of the Genito-Urinary System and its Adnexa.	**Enfermedades del Aparato Génito Urinario y de sus Anexos.**									
119	Acute nephritis	Nefritis aguda						2			2
120	Bright's disease	Mal de Bright					2		1		3
121	Other diseases of the kidneys and their adnexa	Otras enfermedades de los riñones y de sus anexos									
122	Calculi of the urinary tract	Cálculos de las vías urinarias									
123	Diseases of the bladder	Enfermedades de la vegiga									
124	Diseases of the urethra, urinary abscess, etc	Enfermedades de la uretra									
125	Diseases of the prostate	Enfermedades de la próstata									
126	Nonvenereal diseases of the male genital organs	Enfermedades no venereas de los órganos genitales del hombre.									
127	Metritis	Metritis									
128	Uterine hemorrhage (nonpuerperal)	Hemorragia uterina (no puerperal)									
129	Tumor, uterine (noncancerous)	Tumor uterino (no canceroso)									
130	Other diseases of the uterus	Otras enfermedades del útero									
131	Cysts and other tumors of the ovary	Quistes y otros tumores del ovario									
132	Other diseases of the female genital organs	Otras enfermedades de los organos genitales de la mujer.									
133	Nonpuerperal diseases of the breast (cancer excepted).	Enfermedades no puerperales de la mama (exceptuándose el cáncer).									

	NOMENCLATURE DESIGNED FOR THE STATISTICS OF DEATH.	NOMENCLATURA PARA LAS ESTADÍSTICAS DE DEFUNCIONES.	Americans. M.	Americans. F.	Europeans. M.	Europeans. F.	Filipinos. M.	Filipinos. F.	Chinese. M.	Chinese. F.	Total.
	VII.	**VII.**									
	The Puerperal State.	**Estado Puerperal.**									
134	Accidents of pregnancy	Accidentes de la prefiez									
135	Puerperal hemorrhage	Hemorragia puerperal									
136	Other accidents of labor	Otros accidentes del parto									
137	Puerperal septicemia	Septicemia puerperal						4			4
138	Albuminuria and puerperal eclampsia	Albuminuria y eclampsia puerperales						1			1
139	Puerperal phlegmasia alba dolens	Flegmasia alba dolens puerperal				1					1
140	Other puerperal accidents—sudden death	Otros accidentes puerperales—muerte repentina									
141	Puerperal diseases of the breast	Enfermedades puerperales de la mama									
	VIII.	**VIII.**									
	Diseases of the Skin and Cellular Tissue.	**Enfermedades de la Piel y del Tejido Celular.**									
142	Gangrene	Gangrena									
143	Furuncle	Forúnculo									
144	Warm-acute abscess	Abscesos calientes agudos									
145	Other diseases of the skin and its adnexa	Otras enfermedades de la piel									
	IX.	**IX.**									
	Diseases of the Organs of Locomotion.	**Enfermedades de los Órganos de la Locomoción.**									
146	Affections of the bones (nontuberculous)	Afecciones de los huesos(exceptuando la tuberculosis)						1			1
147	Diseases of the joints (tuberculosis and rheumatism excepted).	Afecciones de las articulaciones (exceptuando la tuberculosis y el reumatismo).									
148	Amputation	Amputación									
149	Other affections of the organs of locomotion	Otras afecciones de los órganos de la locomoción									
	X.	**X.**									
	Malformations.	**Vicios de Conformación.**									
150	Congenital malformations (stillbirths excepted)	Vicios de conformación congénitos (exceptuándose los de niños nacidos muertos).					3				3
	XI.	**XI.**									
	Early Infancy.	**Primera Infancia.**									
151	Congenital debility icterus and sclerema	Debilidad congénita, ictericia y esclerema					9	4			13
152	Other special diseases of early infancy	Otras enfermedades especiales de la primera edad									
153	Lack of care	Falta de cuidados									
	XII.	**XII.**									
	Old Age.	**Vejez.**									
154	Senile debility	Debilidad senil					7	8	1		16
	XIII.	**XIII.**									
	Affections Produced by External Causes.	**Afecciones Producidas por Causas Exteriores.**									
155	Suicide by poison	Suicidio por envenenamiento									
156	Suicide by asphyxia	Suicidio por asfixia									
157	Suicide by hanging or strangulation	Suicidio por suspensión ó por extrangulación									
158	Suicide by submersion	Suicidio por submersión									
159	Suicide by firearms	Suicidio por armas de fuego									
160	Suicide by cutting instruments	Suicidio por instrumentos cortantes					1				1
161	Suicide by jumping from high place	Suicidio por dejarse caer desde un punto elevado									
162	Suicide by crushing	Suicidio por aplastamiento									
163	Other suicides	Otros suicidios									
164	Fractures	Fracturas							1		1
165	Dislocations	Luxaciones									
166	Other accidental traumatisms	Otros traumatismos accidentales									
167	Burns	Quemaduras por el fuego					1		1		2
168	Burning by corrosive substances	Quemaduras por substancias corrosivas			1						1
169	Insolation	Insolación									
170	Freezing	Congelación									
171	Electrical shocks	Commoción eléctrica					1		1		2
172	Accidental submersion	Submersión accidental	1		1						2
173	Inanition	Inanición	1				1				2
174	Inhalation of deleterious gases (suicide excepted)	Absorción de gases deletéreos									
175	Other acute poisonings	Otros envenenamientos agudos						1			1
176	Other external violence	Otras violencias exteriores									
	XIV.	**XIV.**									
	Ill-Defined Diseases.	**Enfermedades mal Definidas.**									
177	Dropsy	Hidropesía									
178	Sudden death	Muerte repentina									
179	Unspecified or ill-defined causes of death	Causas de muerte no especificadas ó mal definidas					2				2
	Total		4		7	2	297	234	48		592
	Grand total		4		9		531		48		592

NUMBER OF DEATHS BY RACE, SEX, AND AGE.

CAUSE OF DEATH.	Less than one day to thirty days.								From thirty days to one year.								From one to five years.								From five to ten years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
I.																																
General Diseases.																																
1. Typhoid fever (abdominal typhus)																					1								1	1		
4. Intermittent fever, and marial cachexia																					3	1										
4a. Malarial cachexia																																
5. Variola													1								1											
12. Cholera, Asiatic						1							1									1										
14. Dysentery																					1	1								2		
15. Plague																														1		
17. Leprosy																																
19. Other epidemic affections																					1									1		
20. Purulent infection and septicæmia						1																										
26. Tuberculosis of larynx																																
27. Tuberculosis of lungs																					1											
28. Tuberculosis of meninges																						1										
29. Tuberculosis, abdominal																						1										
30. Pott's disease																																
32. White swellings																																
36. Syphilis					1																											
48. Chronic rheumatism and gout																																
49. Scurvy																													1			
54. Anæmia chlorosis																																
55. Other general disease																																
56. Acute alcoholism, or chronic																																
II.																																
Diseases of the Nervous System and the Organs of Special Sense.																																
60. Encephalitis																					1	1							1			
61. Meningitis, simple											1		4	3																		
62. Progressive locomotor ataxia																																
63. Other diseases of the spinal cord																																
64. Cerebral congestion and hemorrhage																																
65. Cerebral softening																																
67. General paralysis																																
68. Other forms of insanity																																
70. Eclampsia (nonpuerperal)					7	9							14	4																		
71. Convulsions of children					34	16							38	40																		
72. Tetanus					2																											
74. Other diseases of the nervous system													1								1											
75. Diseases of the eye and its adnexa																						1										
III.																																
Diseases of the Circulatory System.																																
79. Organic disease of the heart																																
80. Angina pectoris																																
81. Affections of the arteries (atheroma)																																
82. Embolus and thrombosis																																
IV.																																
Diseases of the Respiratory System.																																
90. Acute bronchitis					1								10	7								6										
91. Chronic bronchitis					1								5	9							1	3										
92. Broncho-pneumonia																						1								1		
95. Pulmonary congestion and apoplexy						1																										
97. Asthma																					2											
V.																																
Diseases of the Digestive System.																																
104. Other affections of the stomach (cancer excepted)					1									1							1	1										
105. Diarrhea and enteritis (under 2 years)														1							2											
105a. Diarrhea and enteritis, chronic													1	5							4	2								1		
108. Hernias, intestinal obstructions																					1											
113. Biliari calculi													2																			
114. Other affections of the liver																																
116. Simple peritonitis (puerperal excepted)														1																		
VI.																																
Diseases of the Genito-Urinary System and its Adnexa.																																
119. Acute nephritis														1																		
120. Bright's disease																					1											
VII.																																
The Puerperal State.																																
137. Puerperal septicæmia																																
138. Albuminuria and puerperal eclampsia																																
139. Puerperal phlegmasia alba doleus																																

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	Less than one day to thirty days.								From thirty days to one year.								From one to five years.								From five to ten years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
IX.																																
Diseases of the Organs of Locomotion.																																
146. Affections of the bones (nontuberculous)																																
X.																																
Malformations.																																
150. Congenital malformations (stillbirths excepted)					2								1																			
XI.																																
Early Infancy.																																
151. Congenital debility, icterus, and sclerema					7	3							2	1																		
XII.																																
Old Age.																																
154. Senile debility																																
XIII.																																
Affections Produced by External Causes.																																
160. Suicide by cutting instruments																																
164. Fractures																																
167. Burns																													1			
168. Burning by corrosive substances																			1													
171. Electrical shocks																																
172. Accidental submersion																																
173. Inanition									1												1											
175. Other acute poisonings																																
XIV.																																
Ill-Defined Diseases.																																
179. Unspecified or ill-defined causes of death													1																			
Total					56	31			1		1		81	73					1		23	20							4	7		

CAUSE OF DEATH.	From ten to fifteen years.								From fifteen to twenty years.								From twenty to twenty-five years.								From twenty-five to thirty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
I.																																
General Diseases.																																
1. Typhoid fever (abdominal typhus)						1							1																			
4. Intermittent fever and marial dachexia					1																2											
4a. Malarial cachexia					1																1											
5. Variola																																
12. Cholera, Asiatic					2								2	1							3								4	1		
14. Dysentery													1								2								1			
15. Plague													2	2							2	1							1	1	3	
17. Leprosy																													1			
19. Other epidemic affections													1		2						2										1	
20. Purulent infection and septicæmia																														1		
26. Tuberculosis of larynx																																
27. Tuberculosis of lungs													3		2						6	5	1						4	4	1	
28. Tuberculosis of meninges																																
29. Tuberculosis, abdominal																																
30. Pott's disease					1																											
32. White swellings						1																										
36. Syphilis																																
48. Chronic rheumatism and gout																													1			
49. Scurvy																																
54. Anæmia chlorosis													1																			
55. Other general diseases													1									1										
56. Acute alcoholism, or chronic																																
II.																																
Diseases of the Nervous System and the Organs of Special Sense.																																
60. Encephalitis																																
61. Meningitis, simple					1	1																										
62. Progressive locomotor ataxia																													1			
63. Other diseases of the spinal cord													1																			
64. Cerebral congestion and hemorrhage																																
65. Cerebral softening																														1		
67. General paralysis																																
68. Other forms of insanity																																
70. Eclampsia (nonpuerperal)																																
71. Convulsions of children																																
72. Tetanus																					2											
74. Other diseases of the nervous system																																
75. Diseases of the eye and its adnexa																																

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From ten to fifteen years.								From fifteen to twenty years.								From twenty to twenty-five years.								From twenty-five to thirty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
III.																																
Diseases of the Circulatory System.																																
79. Organic disease of the heart																														2		
80. Angina pectoris																													2			
81. Affections of the arteries (atheroma)																																
82. Embolus and thrombosis																						1										
IV.																																
Diseases of the Respiratory System.																																
90. Acute bronchitis																																
91. Chronic bronchitis																													1			
92. Broncho-pneumonia																														1		
95. Pulmonary congestion and apoplexy																					1											
97. Asthma																																
V.																																
Diseases of the Digestive System.																																
104. Other affections of the stomach (cancer excepted)																																
105. Diarrhea and enteritis (under 2 years)																																
105a. Diarrhea and enteritis, chronic													1									1										
108. Hernias, intestinal obstructions																																
113. Biliary calculi																																
114. Other affections of the liver																													1			
116. Simple peritonitis (puerperal excepted)																														1		
VI.																																
Diseases of the Genito-Urinary System and its Adnexa.																																
119. Acute nephritis																						1										
120. Bright's disease																																
VII.																																
The Puerperal State.																																
137. Puerperal septicæmia														1																1		
138. Albuminuria and puerperal eclampsia																						1										
139. Puerperal phlegmesia alba doleus																																
IX.																																
Diseases of the Organs of Locomotion.																																
146. Affections of the bones (nontuberculous)																																
X.																																
Malformations.																																
150. Congenital malformations (stillbirths excepted)																																
XI.																																
Early Infancy.																																
151. Congenital debility, icterus, and sclerema																																
XII.																																
Old Age.																																
154. Senile debility																																
XIII.																																
Affections Produced by External Causes.																																
160. Suicide by cutting instruments																																
164. Fractures																																
167. Burns																																
168. Burning by corrosive substances																																
171. Electrical shocks																																
172. Accidental submersion																									1		1					
173. Inanition																																
175. Other acute poisonings																																
XIV.																																
Ill-Defined Diseases.																																
179. Unspecified or ill-defined causes of death																					1											
Total					6	3							14	4	4						22	11	1		3		1		17	13	5	

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From thirty to thirty-five years.								From thirty-five to forty years.								From forty to forty-five years.								From forty-five to fifty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
I.																																
General Diseases.																																
1. Typhoid fever (abdominal typhus)						1															1											
4. Intermittent fever and marial cachexia																													1		1	
4a. Malarial cachexia							1							1							1		1									
5. Variola																																
12. Cholera, Asiatic					3		1				1		1		1						2	1								1		
14. Dysentery					1		1				1	1	1		2							1										
15. Plague							1								2								2						1			
17. Leprosy																																
19. Other epidemic affections						1	1							1									1						2			
20. Purulent infection and septicæmia					1																											
26. Tuberculosis of larynx						1																1										
27. Tuberculosis of lungs					2	6	2						5	6	2						6	1							4	2		
28. Tuberculosis of meninges																																
29. Tuberculosis, abdominal					1								1																			
30. Pott's disease																																
32. White swellings																																
36. Syphilis							1																									
48. Chronic rheumatism and gout																																
49. Scurvy						1																										
54. Anæmia chlorosis																																
55. Other general diseases																																
56. Acute alcoholism, or chronic																																
II.																																
Diseases of the Nervous System and the Organs of Special Sense.																																
60. Encephalitis																														1		
61. Meningitis, simple																																
62. Progressive locomotor ataxia																																
63. Other diseases of the spinal cord																																
64. Cerebral congestion and hemorrhage																																
65. Cerebral softening																																
67. General paralysis																													1			
68. Other forms of insanity															1																	
70. Eclampsia (nonpuerperal)																																
71. Convulsions of children																																
72. Tetanus																																
74. Other diseases of the nervous system																																
75. Diseases of the eye and its adnexa																																
III.																																
Diseases of the Circulatory System.																																
79. Organic disease of the heart															2								1									
80. Angina pectoris					1																									1	1	
81. Affections of the arteries (atheroma)																													1			
82. Embolus and thrombosis																																
IV.																																
Diseases of the Respiratory System.																																
90. Acute bronchitis																																
91. Chronic bronchitis																																
92. Broncho-pneumonia																																
95. Pulmonary congestion and apoplexy														1																		
97. Asthma														1																		
V.																																
Diseases of the Digestive System.																																
104. Other affections of the stomach (cancer excepted)																																
105. Diarrhea and enteritis (under 2 years)																																
105a. Diarrhea and enteritis, chronic																																
108. Hernias, intestinal obstructions																																
113. Biliary calculi																																
114. Other affections of the liver																																
116. Simple peritonitis (puerperal excepted)																																
VI.																																
Diseases of the Genito-Urinary System and its Adnexa.																																
119. Acute neph itis																																
120. Bright's disease																					1										1	
VII.																																
The Puerperal State.																																
137. Puerperal septicæmia														2																		
138. Albuminuria and puerperal eclampsia																																
139. Puerperal phlegmasia alba doleus				1																												

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From thirty to thirty-five years.								From thirty-five to forty years.								From forty to forty-five years.								From forty-five to fifty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M	F.	M.	F.	M	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
IX.																																
Diseases of the Organs of Locomotion.																																
146. Affections of the bones (nontuberculous)															1																	
X.																																
Malformations.																																
150. Congenital malformations stillbirths excepted)																																
XI.																																
Early Infancy.																																
151. Congenital debility, icterus, and sclerema																																
XII.																																
Old Age.																																
154. Senile debility																																
XIII.																																
Affections Produced by External Causes.																																
160. Suicide by cutting instruments																																
164. Fractures																																
167. Burns																								1								
168. Burning by corrosive substances																																
171. Electrical shocks													1		1																	
172. Accidental submersion																																
173. Inanition																																
175. Other acute poisonings																																
XIV.																																
Ill-Defined Diseases.																																
179. Unspecified or ill-defined causes of death																																
Total			1	9	10	8				2	1	9	12	12					11	4	6						10	5	3	

CAUSE OF DEATH.	From fifty upward.								Unknown.								Total.								Grand total.
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
I.																									
General Diseases.																									
1. Typhoid fever (abdominal typhus)																					4	3			7
4. Intermittent fever, and marial cachexia																					7	1	1		9
4a. Malarial cachexia						1															3	2	2		7
5. Variola																					2				2
12. Cholera, Asiatic					5	5									1				1		23	11	3		38
14. Dysentery			1		1	3													2	1	8	7	3		21
15. Plague						1	2														6	6	10		22
17. Leprosy																					1				1
19. Other epidemic affections					3																9	3	5		17
20. Purulent infection and septicæmia																					1	2			3
26. Tuberculosis of larynx					2	2															2	4			6
27. Tuberculosis of lungs					6	8															37	32	8		77
28. Tuberculosis of meninges																						1			1
29. Tuberculosis, abdominal					1																3	1			4
30. Pott's disease																					1				1
32. White swellings																						1			1
36. Syphilis																					1		1		2
48. Chronic rheumatism and gout						2															1	2			3
49. Scurvy																						1			1
54. Anæmia chlorosis						1	1														2	1	1		4
55. Other general diseases																					1	1			2
56. Acute alcoholism, or chronic						1																1			1
II.																									
Diseases of the Nervous System.																									
60. Encephalitis																						1			1
61. Meningitis, simple																			1		7	5			13
62. Progressive locomotor ataxia																					1				1
63. Other diseases of the spinal cord																					1		1		1
64. Cerebral congestion and hemorrhage					2	3															2	3			5
65. Cerebral softening			1																1						1
67. General paralysis																					1	1			2
68. Other forms of insanity																							1		1
70. Eclampsia (nonpuerperal)																					21	13			34
71. Convulsions of children																					72	56			128
72. Tetanus						1															4	1			5
74. Other diseases of the nervous system																					2				2
75. Diseases of the eye and its adnexa																						1			1

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From fifty upward.								Unknown.								Total.								Grand total.
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
III.																									
Diseases of the Circulatory System.																									
79. Organic disease of the heart					1		2										2				1	2	5		10
80. Angina pectoris						1															3	2	1		6
81. Affections of the arteries atheroma					1																2				2
82. Embolus and thrombosis						1																2			2
IV.																									
Diseases of the Respiratory System.																									
90. Acute bronchitis																					11	13			24
91. Chronic bronchitis					1	1	1														9	13	1		23
92. Broncho-pneumonia																						2			2
95. Pulmonary congestion and apoplexy																						3			3
97. Asthma					2																5	1			6
V.																									
Diseases of the Digestive System.																									
104. Other affections of the stomach (cancer excepted)																					2	2			4
105. Diarrhea and enteritis (under 2 years)																					2	1			3
105a. Diarrhea and enteritis, chronic					2	1															8	10			18
108. Hernias, intestinal obstructions																					1				1
113. Biliary calculi																					2				2
114. Other affections of the liver																					1				1
116. Simple peritonitis (puerperal excepted)																						2			2
VI.																									
Diseases of the Genito-Urinary System and its Adnexa.																									
119. Acute nephritis																						2			2
120. Bright's disease																					2		1		3
VII.																									
The Puerperal State.																									
137. Puerperal septicæmia																						4			4
138. Albuminuria and puerperal eclampsia																						1			1
139. Puerperal phlegmasia alba dolens																				1					1
IX.																									
Diseases of the Organs of Locomotion.																									
146. Affections of the bones (nontuberculous)																							1		1
X.																									
Malformations.																									
150. Congenital malformations (stillbirths excepted)																					3				3
XI.																									
Early Infancy.																									
151. Congenital debility, icterus, and sclerema																					9	4			13
XII.																									
Old Age.																									
154. Senile debility					7	8	1														7	8	1		16
XIII.																									
Affections Produced by External Causes.																									
160. Suicide by cutting instruments													1								1				1
164. Fractures							1																1		1
167. Burns																					1		1		2
168. Burning by corrosive substances																			1						1
171. Electrical shocks																					1		1		2
172. Accidental submersion																	1		1						2
173. Inanition																	1				1				2
175. Other acute poisonings						1																1			1
XIV.																									
Ill-Defined Diseases.																									
179. Unspecified or ill-defined causes of death																					2				2
Total			2		34	41	8						1		1		4		7	2	297	234	48		592

Number of Deaths with Causes Occurring Among Transients in Manila During the Month of June. These Deaths Are Not Included in Preparing Death Rate of City.

			Americans.		Foreigners.		Filipinos.		Chinese.		Total.
			M.	F.	M.	F.	M.	F.	M.	F.	
	I. General Diseases.	**I. Enfermedades Generales.**									
5	Variola	Viruela	1								1
12	Cholera, Asiatic	Cólera asiático	1				1	1			3
14	Dysentery	Disentería	1				1				2
15	Plague	Peste					2		1		3
19	Other epidemic affections (beri-beri)	Otras afecciones epidémicas (beri-beri)					1				1
27	Tuberculosis of lungs	Tuberculosis pulmonar					2				2
	II. Diseases of the Nervous System and the Organs of Special Sense.	**II. Enfermedades del Sistema Nervioso, y otros Organos de los Sentidos Especiales.**									
61	Meningitis, simple	Meningitis simple						1			1
64	Cerebral congestion and hemorrhage	Congestion y hemorragia cerebral					1				1
	III. Diseases of the Circulatory Sistem.	**III. Enfermedades del Aparato Circulatorio.**									
78	Acute endocarditis	Endocarditis aguda					2				2
	IV. Diseases of the Respiratory System.	**IV. Enfermedades del Sistema Respiratorio.**									
93	Pneumonia	Neumonia					1				1
	V. Diseases of Digestive System.	**V. Enfermedades del Aparato Digestivo.**									
107	Intestinal parasites	Parasitos intestinales					1				1
	VI. Affections Produced by External Causes.	**VI. Afecciones Producidas por Causas Externas.**									
155	Suicide by poison	Suicidio por veneno					1				1
160	Suicide by cutting instruments	Suicidio por instrumentos cortantes					1				1
166	Other accidentals traumatisms	Otros accidentes traumaticos					1				1
175	Other acute poisonings	Otros envenenamientos agudos		1							1
	Total		3	1			15	2	1		22

Report of Deaths Occurring in Bilibid Prison During the Month of June, 1903.

	Presidio.			Carcel.			Condition.		Cementery.
	Filipinos.		Total.	Filipinos.		Total.	Single.	Married.	Loma.
	M.	F.		M.	F.				
Dysentery	3		3						
Plague	1		1						
Beri-beri				3		3			
Tuberculosis of lungs	3		3	1		1			
Tuberculosis, abdominal				1		1	6	11	17
Endocarditis	3		3						
Pneumonia	1		1						
Hernia	1		1						
Total	12		12	5		5	6	11	17

Births Reported in June.

Filipinos	363
Chinese	2
Foreigners	5
Americans	4
Total	374

Annual Birth Rate per Thousand for the Month.

Filipinos	19.73
Chinese	.40
Foreigners	7.75
Americans	5.01
Average	15.06

Report of Prescriptions Filled at the Municipal Dispensary, Showing Districts, Sex, and Age of Persons to Whom Medicines Have Been Given During the Month.

District.	Americans.				Foreigners.				Filipinos.				Chinese.				Total.
	Adult.		Children.		Adult.		Children.		Adult.		Children.		Adult.		Children.		
	M.	F.	Boy.	Girl.	M.	F.	Boy.	Girl.	M.	F.	Boy.	Girl.	M.	F.	Boy.	Girl.	
Walled City									21	24	5	6					56
Concepcion									3	15	2	3					23
San Miguel									6	11	1						18
Ermita										3							3
Malate									3	3		9					15
Paco									13	41	10						64
Santa Ana									2	5							7
Sampaloc									102	61	54	10					227
Pandacan									6	12	3						21
Quiapo									34	11	2	2					49
Santa Cruz									24	14	1	2					41
Binondo																	
San Nicolas									9	14		5					28
Tondo									13	6							19
Total									236	220	78	37					571

Report of Sick and Wounded City Poor Attended by Municipal Physicians During the Month of June, 1903.

Physician.	Place.	Sex.				Nationality.								Total.	Cured.		Deaths.		Number of visits.
						Filipinos.		Chinese.		Foreigners.		Americans.							
		M.	F.	Boys.	Girls.	M.	F.	M.	F.	M.	F.	M.	F.		M.	F.	M.	F.	
R. PERRAMON	Walled City	13	21	5	8	18	29							47	10	16	2	3	127
	Concepcion	3	9	2	2	5	11							16	3	8	1		46
	San Miguel	6	7	1		6	7	1						14	2	2	2	3	45
C. MORA	Paco	10	13	8	10	18	23							41	8	6	3	8	126
	Ermita	1	1			1	1							2			1	1	6
	Malate	2	5	2	1	4	6							10	1	1	3	3	39
C. REYES	Quiapo	7	5			7	5							12	2	2			100
	Santa Cruz	7	9	2	2	8	11	1						20	6	6	1	2	132
F. CASTAÑEDA	Sampaloc	29	35	22	10	51	45							96	23	23	5	3	195
S. V. DEL ROSARIO	Binondo																		
V. PANTOJA	Tondo	7	17		2	7	19							26	2	7	3	3	114
V. CAVANNA	San Nicolas	5	11	1	4	6	15							21		7	1	2	87
C. VICTORINO	Pandacan	2	2			2	2							4	2				17
	Santa Ana	4	3			4	3							7	1	1	3	2	25
Total		96	138	43	39	137	177	2						316	60	79	25	30	1,059

Monthly Report of San Lazaro Hospital, Leper and Women's Departments, for June, 1903.

	Women's department.				
	Americans.	Europeans.	Filipinos.	Japanese.	Total.
Number of patients in hospital at last report			42	15	57
Number of patients received during the month	1	14	58	82	155
Number of patients discharged cured			13	17	30
Number of patients discharged uncured			1	1	2
Number of patients remaining in hospital	1	14	86	79	180

	Leper department.						
	Europeans.		Filipinos.		Chinese.		Total.
	M.	F.	M.	F.	M.	F.	
Number of patients in hospital at last report		1	125	83	1		210
Numberof patients received during the month			2	2			4
Number of patients died			1				1
Number of patients escaped							
Number of patients remaining at last report		1	126	85	1		213

General Inspection of Houses, Premises, Vaults, etc., with Improvements Ordered, Disinfected, Whitewashed, Cleaned, etc., by Medical Inspectors, Chief Sanitary Inspectors, and Sanitary Inspectors, for the Month of June, 1903.

1.	Houses inspected by the Chief Sanitary Inspector	3,846
2.	Houses reinspected for verification of work ordered	1,571
3.	Houses inspected by sanitary inspectors	137,149
4.	Houses reinspected by sanitary inspectors	29,878
5.	Houses ordered cleaned (written)	48
6.	Houses ordered cleaned (verbal)	18,110
7.	Houses cleaned	13,312
8.	Houses ordered whitewashed and painted	465
9.	Houses whitewashed and painted	215
10.	Houses disinfected	342
11.	Number of houses recommended condemned and removed	0
12.	Number of houses condemned and removed	0
13.	Number of localities where "squatters" are located	45
14.	Number of samples of water from wells sent to laboratory	1
15.	Number of reports from same	1
16.	Number of fire plugs opened or closed for sanitary purposes	0
17.	Number of hydrants recommended reopened	2
18.	Number of houses where garbage has not been removed for two days	324
19.	Number of persons reported sick to municipal physicians	200
20.	Cesspools and vaults ordered cleaned	1.423
21.	Cesspools cleaned	864
22.	Yards ordered cleaned	
23.	Yards cleaned	9,180
24.	Yards ordered repaired (repaved, etc.)	8,078
25.	Yards repaired	412
		109
26.	Number of cholera cases reported by sanitary inspectors	21
27.	Number of cholera cases reported by Auxiliary Advisory Board	8
28.	Number of cholera cases found "alive"	16
29.	Number of cholera cases found "dead"	23
30.	Number of orders issued during the month	251
31.	Number of orders complied with during the month	298
32.	Number of orders awaiting action	555
33.	Number of orders pending in court	14
34.	Number of food tiendas in districts	1,118
35.	Number of persons convicted for violation of food-prohibition order	5
36.	Average in visiting each street and barrio during month	8.55
37.	Number of regular inspectors on duty	5
38.	Number of emergency inspectors on duty	108
39.	Number of leper cases sent to San Lazaro Hospital	3
40.	Number of plague cases reported	25
41.	Number of smallpox cases reported	9
42.	Houses in which traps are set	11,755
43.	Houses in which bane is placed	7,893
44.	Traps set	32,728
45.	Plates with rat bane placed	31,240
46.	Rats caught by rat catchers	4,222
47.	Rats caught by traps	5,263
48.	Rats caught by poison	287
49.	Rats purchased	33
50.	Rat catchers employed	18

Station A.—San Nicolas.

Monthly Sanitary Report, Harbor and River, June 30, 1903.

Cascoes, ships, and other craft inspected	2,181
Cholera cases found on cascoes, ships, and other craft	1
Cholera cases found alive	1
Cholera cases found dead	0
Bubonic plague cases reported	1
Dead bodies found in river and harbor	1
Rats caught on boat	13

Burials, June, 1903.

Cemeteries.	Number.
Loma (Government)	365
Paco General (Government)	21
Santa Cruz	4
Balic-Balic	64
Binondo	8
Tondo	3
Maytubig	42
Malate	31
Pandacan	15
Chinese	53
Crematory	1
Santa Ana	21
American National Cemetery	3
San Pedro Macati	2
One body transferred from Manila to Guagua	1
Sampaloc	1
Total	635

21 of the above were stillbirths and 22 transient residents.

Disinterments, June, 1903.

Paco Cemetery	4
Tondo	3
Pandacan	0
Santa Cruz	5
Chinese Cemetery (for removal to China)	27
Loma	0
Santa Ana	0
Total	39

Crematories.

Animals cremated.	June, 1903. Paco.	Santa Cruz.	Total.
Horses, American	17		17
Horses, native	72	1	73
Horses, Chinese	8		8
Mules	5		5
Carabaos	23		23
Dogs	142	178	320
Cows	43		43
Hogs		351	351
Pigs	2	5	7
Goats		5	5
Sheep	5	5	10
Deer		3	3
Cats		134	134
Rabbits		4	4
Monkeys		10	10
Turkeys		11	11
Ducks		237	237
Birds		642	642
Chickens	112	1,832	1,944
Rats	128	7,325	7,453
Total	557	10,743	11,300
Loads cremated:			
Preserves		8	8
Beef		4	4
Crackers		3	3
Potatoes and bacon		2	2
Cushions, canvas and		1	1
Garbage	480	1,546	2,026
Refuse	272		272
Total	752	1,564	2,316

Veterinary Division.

WILLIAM W. RICHARDS, V. S., *City Veterinarian.*

JOHN G. SLEE, D. V. S., *Asst. City Veterinarian.*

On arrival in city:	
Number of cattle inspected	3,247
Number of hogs inspected	3,175
Number of carabaos inspected	140
Number of sheep inspected	173
Number of goats inspected	33
Number of horses inspected	320
Number of other animals inspected	16
Total	7,104

In Government slaughterhouse:	
Number of cattle slaughtered	2,251
Number of hogs slaughtered	5,466
Number of sheep slaughtered	110
Total	7,827
Number of cattle condemned and cremated	2
Number of hogs condemned and cremated	21
Total	23
Numbered of horses condemned for surra	1
Number of horses condemned for glanders	10
Total	11

Reports Received of Lepers Living in the Various Provinces of the Philippine Islands to June 30, 1903.

Province.	Race.	Number of men.	Number of women.	Children. M.	Children. F.	Single. M.	Single. F.	Married. M.	Married. F.	Widower.	Widow.	Total.
Antique	Filipinos	92	37	2	2	38	28	42	4	12	5	133
Batangas	do	19	5			12	3	3	3	3		24
Bataan	do	10	4	1	1	5		3	2	2	2	16
Benguet	Igorrotes	31	10	1	1	1		21	10	9		43
Ambos Camarines	Filipinos	33	17	1	1	24	12	8	5	1		52
Bulacan	do	17	9	2	1	12	6	5	3			29
Ilocos Norte	do	45	28	5	2	9	10	31	8	5	10	80
Ilocos Sur	do	176	84	4	2	101	50	66	17	14	12	266
Leyte	do	49	38	1	3	26	27	20	7	3	4	91
Masbate	do	51	35	25	10	22	15	23	19	2	5	121
Cagayan	do	46	30		3	20	10	20	19	6	1	79
Lepanto	do	14	4	1		5	1	8		1	3	19
Cavite	do	17	5		3	16	3	1			2	25
Nueva Ecija	do	44	24			19	12	22	8	2	5	68
Negros Occidental	do	26	11	5	1	17	10	8	1	1		43
Pampanga	do	8	5	2		3	1	5	3	1		15
Pangasinan	do	120	80	2	3	36	28	65	38	19	14	205
Rizal	do	41	24	2		19	12	21	7	3	3	67
Marinduque	do	1	1	1			1	1				3
Laguna	do	1						1				1
*San Lazaro	do	105	77	22	9	64	38	31	24	10	15	213
Tarlac	do	27	24	11	4	7	9	17	11	2	5	66
Sorsogon	do	75	33	1	1	33	17	40	10	3	5	110
Romblon	do	5	10			3	6	2	3	1		15
Samar	do	39	32	13	8	17	9	21	18	3	3	92

*1 European (female).

Reports Received of Lepers Living in the Various Provinces of the Philippine Islands to June 30, 1903—Continued.

Province.	Race.	Number of men.	Number of women.	Children. M.	Children. F.	Single. M.	Single. F.	Married. M.	Married. F.	Widower.	Widow.	Total.
Union	Filipinos	43	28	3		15	14	24	12	4	2	74
Zambales	do	58	35	2		30	15	26	13	4	5	95
Mindanao	Moros	140	74	3	3	84	46	45	18	9	12	220
Cebú	Filipinos	171	89	5	4	136	64	33	21	3	3	269
Iloilo	do	231	66	11	2	113	37	94	9	24	20	310
Negros Oriental	do	66	42	6	2	27	23	32	14	7	5	116
Isabela de Luzon	do	18	4	1		3	1	10	3	5		23
Tayabas	do	1								1		1
Albay	do	68	33	1	1	30	18	27	10	11	5	103
Nueva Vizcaya	do	13	12	2		7	3	4	6	2	3	27
Abra	do	11	6			5	4	5	2	1		17
Bohol	do	46	46	5	1	20	19	27	17	3	6	98
Capiz	do	44	33	19	9	26	24	13	12	1	1	105
Total		2,002	1,095	160	77	1,005	576	825	357	178	156	3,334

Summary of the Number of Cases and Deaths from Cholera in the City of Manila from the 21st of March, 1902, to the 30th of May, 1903, inclusive.

Month.	Cases. Filipinos.	Cases. Chinese.	Cases. Americans.	Cases. Europeans.	Cases. Total.	Deaths. Filipinos.	Deaths. Chinese.	Deaths. Americans.	Deaths. Europeans.	Deaths. Total.	Per cent.
March 21 to 31	133	5		1	139	55	5		1	61	0.44
April	469	57	11	9	546	345	30	6	4	385	.70
May	507	27	8	3	545	382	48	13	2	445	.81
June	521	28	13	9	571	464	15	9	1	489	.85
July	1,241	73	44	28	1,386	961	70	22	13	1,066	.76
August	584	74	37	22	717	481	74	19	13	587	.81
September	251	24	15	6	296	162	19	4	4	189	.63
October	66	11	5	3	85	47	8	1	3	59	.69
November	301	17	13	10	341	225	21	6	4	256	.75
December	35	1	1	1	38	22	1			23	.60
January	3	3	1		7	2	2			4	.57
February	2				2	2				2	1.00
March	5				5	5				5	1.00
*April	29	†3			32	25	3			28	.87
May	228	15	2		245	195	11	3		209	.85
Total	4,375	338	150	92	4,955	3,373	307	83	45	3,808	.76

*Including 1 English Mestizo. †1 Japanese.

Daily Report of Cholera for Manila from June 1 to June 30, 1903.

CASES.

Date.	Walled City. Filipinos. M.	F.	Chinese. M.	F.	Binondo. Filipinos. M.	F.	Chinese. M.	F.	San Nicolas. Filipinos. M.	F.	Chinese. M.	F.	Americans. M.	F.	Tondo. Filipinos. M.	F.	Chinese. M.	F.	Santa Cruz. Filipinos. M.	F.	Chinese. M.	F.	Quiapo. Filipinos. M.	F.	Chinese. M.	F.	San Miguel. Filipinos. M.	F.	Chinese. M.	F.	Sampaloc. Filipinos. M.	F.	Chinese. M.	F.	Paco. Filipinos. M.	F.	Chinese. M.	F.
June 1									1																													
June 2													1						1				1									1						
June 3	1																		1																			
June 4																			*1																			
June 5									1	1					1												1											
June 6																																						
June 7										1	1																								1			
June 8																																						
June 9																																						
June 10										1																												
June 11																																						
June 12																																						
June 13	1																																					
June 14																															1							
June 15	1														1												2											
June 16																																						
June 17																																						
June 18																																						
June 19																									1													
June 20							1																				1											
June 21																																						
June 22																															1							
June 23																			1																			
June 24																																						
June 25										1					1																							
June 26																																						
June 27																																						
June 28																																						
June 29		1																	1																			
June 30																																						
Total	3	1					1		2	4	1		1		1	2			3	1			1		1		4					3			1			

*American—Malolos.

Daily Report of Cholera for Manila from June 1 to June 30, 1903—Continued.

CASES—Continued.

Deaths.	Ermita.				Malate.				Pandacan.				Santa Ana.				Deaths.										
	Filipinos.		Chinese.		Filipinos.		Chinese.		Filipinos.		Chinese.		Filipinos.		Chinese.		Total.		Americans.		Foreigners.		Filipinos.		Chinese.		Grand total.
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
June 1																	1						2				2
June 2																	2	2					2	3			5
June 3									1								3						2				2
June 4																			1					1			2
June 5													3	2			5	4			1		1	3			5
June 6																								1			1
June 7																	2	1					1	1	1		3
June 8																							1				1
June 9																								1			1
June 10													1				1	1					1				1
June 11																											
June 12																											
June 13																	1										
June 14																		1						1			1
June 15																	3	1					3				3
June 16	1																1						1	1			2
June 17																											
June 18																											
June 19																	1								1		1
June 20																	2						1	1	1		3
June 21																											
June 22																		1						1			1
June 23																	1						1				1
June 24																											
June 25																	1	1					2				2
June 26																											
June 27																											
June 28																							1				1
June 29																	1	1									
June 30																											
Total	1								1				4	2			26	13	1		1		19	14	3		*38

* Including 3 deaths from Santa Ana occurring in month of May.

Report of Cholera Occurring in Provinces in the Philippine Islands from June 1 to June 30, 1903.

Province.	Cases.	Deaths.	Per cent.	Province.	Cases.	Deaths.	Per cent.
Albay	517	514	99	Camarines	53	46	86
Sorsogon	25	18	72	Pangasinan	4	4	100
Rizal	81	60	74	Samar	782	782	100
Cagayan	186	131	70	Ilocos Norte	9	10	------
Occidental Negros	117	74	63	Isabela	5	2	40
Bulacan	181	147	81	Camiguing	241	228	94
Misamis	393	286	72	Laguna	2	------	------
Cebu	241	185	76	Cavite	3	3	100
Capiz	18	14	77				
Batangas	94	51	54	Total	3,263	2,771	------
Masbate	237	142	59				
Leyte	74	74	100	Mortality per cent			84.92

The following tabulated statement shows the amount of vaccine virus distributed by the Board of Health during the month of June, 1903.

	Units.		Units.
United States Army	4,300	Amount of virus sold to the public	230
United States Navy	0	Amount of virus used by public vaccinator of Manila	12,370
United States Marine-Hospital Service	0	Amount of virus used by public institutions in the city of Manila	0
Philippine Civil Hospital	25		
Inhabitants of the Philippine Islands (excluding the city of Manila)	41,215	Total	58,140

Report on Vaccination, City of Manila, During the Month of June, 1903.

SATURNINO ESPEJO, Chief of Vaccinators.

	Children.			Adults.			Total.			
	Filipinos.	Chinese.	Americans and foreigners.	Filipinos.	Chinese.	Americans and foreigners.	Filipinos.	Chinese.	Americans and foreigners.	Grand total.
Walled City	194			393		10	587		10	597
Binondo	409			677		6	1,086		6	1,092
San Nicolas	535			732		3	1,267		3	1,270
Tondo	788			1,016		10	1,804		10	1,814
Santa Cruz	764			781			1,545			1,545
Quiapo	562			719		10	1,281		10	1,291
San Miguel	267			438		16	705		16	721
Sampaloc	1,061			1,347		7	2,408		7	2,415
Paco	368		2	284			652		2	654
Ermita	234			369			603			603
Malate	514			456	20	15	970	20	15	1,005
Pandacan										
Santa Ana										
Total	5,696		2	7,212	20	77	12,908	20	79	13,007

Daily Report of Smallpox for Manila from June 1 to June 30, 1903.

Date.	Cases.									Deaths.				
	Americans.		Foreigners.		Filipinos.		Chinese.		Total.	Americans.		Filipinos.		Total.
	M.	F.	M.	F.	M.	F.	M.	F.		M.	F.	M.	F.	
June 1 to 3					1				1					
June 4 to 5	1				1				2			1		1
June 6 to 12					1	1			2					
June 13 to 15						2			2	1		1		2
June 16 to 17					1				1					
June 17 to 18						1			1					
June 19 to 26					1				1					
June 27 to 30					1				1					
Total	1				6	4			11	1		2		3

Daily Report of Bubonic Plague for Manila from June 1 to June 30, 1903.

Date.	Cases.																																	Deaths.				
	Binondo.				San Nicolas.				Tondo.				Santa Cruz.				San Miguel.				Ermita.				Bilibid prison.				Pandacan.				Total.	Filipinos.		Chinese.		Total.
	Filipinos.		Chinese.		Filipinos.		Chinese.		Filipinos.		Chinese.		Filipinos.		Chinese.		Filipinos.		Chinese.		Filipinos.		Chinese.		Filipinos.		Chinese.		Filipinos.		Chinese.							
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.		M.	F.	M.	F.	
June 1							1																										1			2		2
June 2																																						
June 3																																						
June 4																																						
June 5																																						
June 6																															1		1			1		1
June 7																					1												1					
June 8																																				1		1
June 9														1																			1	1		1		2
June 10					1						1						1																3	1	1	1		3
June 11																																						
June 12																																						
June 13																																						
June 14					1																												1	1				1
June 15									1																								1	1				1
June 16																																						
June 17					1																												1					
June 18						2																											2		1			1
June 19							1																										1		1	1		2
June 20							1																										1			1		1
June 21			1			1																											2		1			1
June 22																																						
June 23																																				1		1
June 24																									2								2		1			1
June 25										1															1								2					
June 26																																						
June 27					1						1																						2	1		1		2
June 28		1							1																2								4	1	1			2
June 29		1									1														3								5	1		1		2
June 30																									1								1	1				1
Total		2	1		4	3	3		2	1	3			1			1				1				9						1		32	8	6	11		25

Report of Chinese Receiving Primary and Secondary Prophylactic Inoculations Against Plague at the Hands of Physicians of the Board of Health, May 11 to 31 and June 1 to 30.

Period.	San Nicolas.		Binondo.		Quiapo.		Tondo.		Santa Cruz.		San Miguel.		Sampaloc.		Intramuros.		Ermita, Paco, and Malate.		Total for city.	
	Primary inoculation.	Secondary inoculation.	Primary inoculation.	Secondary inoculation.	Primary inoculation.	Secondary inoculation.	Primary inoculation.	Secondary inoculation.	Primary inoculation.	Secondary inoculation.	Primary inoculation.	Secondary inoculation.	Primary inoculation.	Secondary inoculation.	Primary inoculation.	Secondary inoculation.	Primary inoculation.	Secondary inoculation.	Primary inoculation.	Secondary inoculation.
May 11-31	465	6	426		859		944		1,655		366		502		600		105		5,922	6
June 1-30	304	345	271	242	138	304	229	808	303	241	112	221	246	236		600	100		1,703	2,997
Total	769	351	697	242	997	304	1,173	808	1,958	241	478	221	748	236	600	600	205		7,625	3,008

In addition to the above, antiplague inoculations of Chinese were made by private physicians as follows: April, 1,825 primary inoculations and 241 secondary; May, 1,518 primary and 218 secondary; June, 167 primary and 97 secondary. Total for private physicians, 3,510 primary and 605 secondary. Grand total for city. 11,135 primary and 3,608 secondary inoculations.

Clinical Examinations.

	Position.	Negative.	Total.		Position.	Negative.	Total.
Necropsies			23	Sputum—Tuberculosis	10	18	28
Bubonic palgue	10	4		Feces		37	50
Asiatic cholera	5			Amebæ	3		
Beri-beri	1			Monads	6		
Miscellaneous	3			Ova trichocephalus	1		
Gonococci	245	849	1,094	Ova uncinaria	2		
Blood			53	Ova ascaris	2		
Erythrocytes	2			Rats examined for plague			403
Leucocytes	18			Rats found to be affected with plague			0
Malaria:				Miscellaneous			7
Tertian	1						
A. A	1	30					
Agglutination test—Typhoid	10			Total examinations			1,658
Surra	4						

Meteorological Data Deduced from Hourly Observations.

Date.	Barometer.[1] Mean.		Temperature. Mean.		Temperature. Maximum.		Temperature. Minimum.		Relative humidity, mean.	Wind. Prevailing direction.	Wind. Total daily motion.		Wind. Maximum. Force.		Wind. Maximum. Direction.	Sunshine.	Rainfall.	
	Inches.	*mm.*	°*C.*	°*F.*	°*C.*	°*F.*	°*C.*	°*F.*	*Per ct.*		*Km.*	*Miles.*	*Km.*	*Miles.*		*h. m.*	*Inch.*	*mm.*
1	29.873	758.76	28.8	83.8	34.1	93.4	23.4	74.1	72.0	SE.	250	155	24	15	SE.	6–10	0.032	0.8
2	29.862	58.49	29.1	84.4	34.1	93.3	22.9	73.2	69.1	W.	203	126	17	11	W.	8–00	0.016	0.4
3	29.846	58.08	26.6	79.9	30.7	87.2	23.2	73.8	81.8	ESE.	300	186	26	16	ESE.	0–45	1.154	29.3
4	29.861	58.45	29.0	84.2	34.8	94.7	23.5	74.3	70.7	SE.	316	196	28	18	SE.	7–30		
5	29.858	58.39	28.8	83.8	34.6	94.3	24.0	75.2	71.1	ESE.	290	180	26	16	SSE.	7–00		
6	29.883	59.03	29.8	85.6	35.4	95.8	24.3	75.7	57.1	SE.	272	169	26	16	SE.	9–20		
7	29.903	59.52	29.2	84.6	34.9	94.8	23.0	73.4	59.5	SE.	272	169	29	18	SE.	10–05		
8	29.878	58.88	29.9	85.8	35.8	96.4	22.2	72.0	61.9	SE.	226	140	21	13	W. by N.	11–00		
9	29.860	58.43	30.6	87.1	35.7	96.3	23.9	75.1	65.2	Variable.	202	126	20	12	SW. by W.	10–55		
10	29.846	58.09	30.5	86.9	36.0	96.8	24.4	76.0	66.6	W.	174	108	14	9	W.	5–15		
11	29.879	58.92	29.2	84.6	33.6	92.4	25.1	77.2	72.2	WSW.	180	112	24	15	NW. by W.	5–10	0.047	1.2
12	29.873	58.74	29.9	85.8	35.0	95.0	23.8	74.9	65.7	W.	200	124	16	10	W.	9–40		
13	29.873	58.74	29.5	85.1	35.8	96.5	23.4	74.1	64.9	SE., W.	221	137	18	11	SE.	10–10		
14	29.886	59.09	29.7	85.5	34.4	93.9	23.2	73.8	66.6	SSE., W.	226	140	16	10	W.	9–20		
15	29.898	59.39	29.4	84.9	33.6	92.5	22.9	73.2	68.6	WSW-WNW.	215	134	20	12	WNW.	9–35		
16	29.878	58.87	29.6	85.3	36.0	96.8	24.7	76.5	70.2	WSW.	336	209	30	19	WSW.	9–40		
17	29.836	57.83	27.7	81.9	30.6	87.0	23.8	74.8	82.8	WSW.	263	163	28	18	SW. by W.	3–10	1.126	28.6
18	29.805	57.02	28.9	84.0	31.5	88.7	24.0	75.2	76.5	WSW.	308	191	27	17	W. by S.	10–00	0.079	2.0
19	29.813	57.23	29.0	84.2	31.9	89.4	23.9	75.1	77.3	W.	265	165	33	21	WSW.	8–15		
20	29.819	57.40	29.4	84.9	35.8	96.4	23.9	75.1	75.3	WSW.	298	185	28	18	WSW.	7–00	0.047	1.2
21	29.833	57.75	29.2	84.6	32.5	90.5	24.4	75.9	76.2	Variable.	171	106	16	10	SW.	2–55		
22	29.798	56.86	29.5	85.1	33.3	91.9	23.8	74.8	74.2	W.	348	216	34	21	W. by S.	10–45		
23	29.821	57.46	29.0	84.2	32.2	89.9	23.3	73.9	76.9	W.	380	236	31	19	W. by S.	9–55	1.417	36.0
24	29.835	57.80	29.4	84.9	32.0	89.6	24.3	75.7	76.3	WSW.	366	227	35	22	WSW.	10–15		
25	29.818	57.37	29.5	85.1	31.8	89.3	24.3	75.8	77.4	WSW.	441	274	38	24	WSW.	9–15		
26	29.816	57.29	30.0	86.0	32.3	90.1	25.3	77.6	75.2	WSW.	372	231	34	21	WSW.	9–15	0.028	0.7
27	29.845	58.04	29.9	85.8	33.6	92.4	24.4	76.0	74.8	W.	154	96	16	10	W.	8–10		
28	29.853	58.25	30.3	86.5	35.9	96.6	24.6	76.3	64.6	SE.	181	112	20	12	SE.	9–35		
29	29.868	58.62	28.2	82.8	33.9	93.0	22.7	72.8	69.6	W.	172	107	17	11	W.	4–45		
30	29.822	57.48	29.2	84.6	35.1	95.1	23.7	74.7	73.1	Variable.	165	103	15	9	SSE.	7–45		
Mean	29.851	758.21	29.3	84.7	33.9	93.0	23.8	74.9	71.1		258.9	160.8	24.2	15.1		8–01		
Total											7,767	4,823				240–35	3.946	100.2

[1] Corrected for instrumental error and for temperature and reduced to sea level. Correction to standard gravity, —1.72mm (—0.068 inch).

UNIV. OF MICH.
JAN 16 1904

MONTHLY REPORT

OF THE

Board of Health for the Philippine Islands

AND

CITY OF MANILA,

JULY, 1903.

TO THE HON. DEAN C. WORCESTER, SECRETARY OF THE INTERIOR.

E. C. CARTER, M. D., U. S. Army,
Commissioner of Public Health.

Capt. E. L. MUNSON, A. M., M. D., U. S. Army,
Assistant to Commissioner of Public Health.

H. D. OSGOOD, B. S.,
Sanitary Engineer.

T. R. MARSHALL, M. D.,
Chief Health Inspector.

P. C. FREER, M. D., Ph. D.,
Superintendent of Government Laboratories.

MANUEL GOMEZ MARTINEZ, M. D.,
Secretary Board of Health.

MANILA:
BUREAU OF PUBLIC PRINTING.
1903.

9375

LETTER OF TRANSMITTAL.

DEPARTMENT OF THE INTERIOR, BUREAU OF PUBLIC HEALTH FOR PHILIPPINES,

Manila, P. I., October 1, 1903.

SIR: The most important points to which attention should be invited in the report for the month of July are the calculation of the rate of mortality and other statistics for the city of Manila on the basis of the new figures for its population arrived at by the recent official census, and the recalculation of the mortality rates for the previous two years on the basis of the Board of Health count made in May, 1901, instead of on later estimates. After request for information to the Director of the Census relative to this matter and on motion by the Acting Commissioner of Public Health, the following resolution was passed by the Board of Health:

It having been brought to the notice of the Board through the Director of the Census that the estimate of the population of Manila made January 1, 1902, and used as basis for the calculation of sanitary statistics from that time to June 30, 1903, was in excess of the true population; and the Board of Health having been informed by the Director of the Census that the Board of Health census made in May, 1901, of 244,732 persons, may be considered as a fair estimate of the population of Manila down to the taking of the first official census under the American occupation, in the present year; and the Board being further informed that the present population of Manila, as determined by the recent census, is 219,941: Therefore, be it

Resolved, That the monthly mortality rates for the city of Manila shall be recomputed from July 1, 1901, to June 30, 1903, on the basis of a population of 244,732 inhabitants; and

Be it further resolved, That beginning July 1, 1903, sanitary statistics for the city of Manila shall be calculated for the present year on the basis of a population of 219,941 souls.

The figures as to population given by the Director of the Census are stated by him to be the result of the preliminary count and liable to subsequent slight modification. It is evident that under a previous sanitary administration the population of Manila was overestimated, and that there was not sufficient warrant on the part of those in authority at that time for departing from the results of the Board of Health count made in 1901. As may be seen, the undue increase occurred chiefly in respect to the number of Chinese in the city, who form a class of the population the size of which it is especially difficult to determine by anything except a careful count.

The decrease in the population of the city since the Board of Health census of 1901 is attributed to the return to the provinces of persons who had previously sought security in Manila as a result of the unsettled conditions prevailing in the country districts after the late insurrection.

During the month there were 42 cases of cholera in the city, with 38 deaths. It will be noticed that the disease was of a very virulent type. These cases were scattered through the month, only one or two occurring daily. During July the city was threatened with a most serious outbreak of cholera, as a very active epidemic developed in the towns Montalbon, San Mateo, and Mariquina, lying along the Mariquina River above the intake of the Manila water supply. As the authorities of Rizal Province, in which these towns lie, showed themselves unable to properly cope with the situation, the Board of Health for the Philippine Islands assumed immediate charge of sanitary matters, sent a corps of physicians, sanitary inspectors, and disinfectors to the Mariquina Valley from Manila, obtained a larger military guard for the purpose of quarantining the river, established the pail conservancy system for the reception of human excreta in Mariquina and San Mateo, and organized an efficient corps of scavengers for the collection and proper disposal of the same. By these measures the infection of the Manila water supply, which at first appeared almost inevitable, was avoided and the disease stamped out in thirty days. Much credit for the results obtained should be given to Dr. Arlington Pond, the medical inspector in charge, who handled this most difficult problem with marked energy and discretion.

As a result of the measures taken for its control, and particularly as a result of the preventive inoculation of the Chinese, the plague situation for the month showed marked improvement.

With the establishment of the rains the usual seasonal decrease of smallpox has been noted.

Tables showing the working during the month of the pail-conservancy system for the disposal of excreta in

the city of Manila, operated by the Board of Health, and for the granting of the licenses to such establishments as have direct relation to health conditions and have been therefore placed under the supervision of the sanitary authorities, are published for the first time in this issue and will be continued in future reports. The possession of power over the issue and renewal of licenses for establishments having to do with the preparation and sale of foods and drinks, the operation of offensive trades, etc., is found to be of great assistance in improving the sanitary condition of such establishments.

Very respectfully,

E. L. MUNSON,
Captain and Assistant Surgeon, United States Army,
Acting Commissioner of Public Health.

The SECRETARY OF THE INTERIOR,
Manila, P. I.

Population of Manila.

Americans	4,389
Filipinos	189,782
Spaniards	2,528
Other Europeans	1,117
Chinese	21,230
All others	895
Total	219,941

Deaths Occurring During the Month of July.

Americans	4
Filipinos	569
Spaniards	3
Other Europeans	2
Chinese	41
All others	1
Total	620

Annual Death Rate per Thousand for the Month.

Americans	10.74
Filipinos	35.32
Spaniards	13.98
Other Europeans	21.09
Chinese	22.75
All others	13.16
Average	33.21

A Classified Report of all Deaths Occurring in Manila During the Month of July, 1903.

Males.

Married	59
Widowers	16
Single	66
Boys	183
Condition not stated in certificate	15
Total	339

Females.

Married	57
Widows	23
Single	27
Girls	192
Condition not stated in certificate	3
Stillbirths	15
Total	317
Grand total	656

Stillbirths, 15. Of the grand total of deaths, 21 were those of transients, while 620 were permanent residents of Manila.

Deaths by Age.

Under 30 days	83
30 days to 1 year	183
1 year to 2 years	58
2 years to 5 years	39
5 years to 10 years	13
10 years to 15 years	6
15 years to 20 years	13
20 years to 25 years	25
25 years to 30 years	41
30 years to 40 years	56
40 years to 50 years	39
50 years to 60 years	34
60 years to 70 years	24
70 years to 80 years	12
80 years to 90 years	6
90 years to 100 years	3
100 years to 110 years	3
Unknown	3
Total	*641

Deaths by Districts.

Walled City	36
Binondo	29
San Nicolas	53
Tondo	159
Santa Cruz	102
Quiapo	37
Sampaloc	71
San Miguel	17
Paco	52
Ermita	20
Malate	28
Pandacan	6
Santa Ana	8
Transient residents	21
Unknown	2
Total	*641
Number of deaths with medical attendance	334
Number of deaths without medical attendance	307
Total	*641

*15 of above were stillbirths.

Comparative Mortality in city of Manila from January 1, 1900, to July 31, 1903.

Month.	1900.		1901.		1902.		1903.	
	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.
January	[1] 1,055	50.79	[1] 753	36.22	[1] 760	36.58	[1] 602	28.98
February	[1] 884	47.11	[1] 689	36.72	[1] 706	37.62	[1] 511	27.23
March	[1] 887	42.70	[1] 885	42.67	[1] 770	37.06	[1] 539	25.94
April	[1] 805	40.04	[1] 886	44.04	[1] 1,327	66.01	[1] 549	27.31
May	[1] 732	35.24	[1] 903	43.49	[1] 1,688	81.26	[1] 770	37.06
June	[1] 599	29.79	[1] 621	30.89	[1] 1,418	70.54	[1] 592	29.45
July	[1] 787	37.88	[1] 608	29.27	[1] 2,223	107.02	[2] 620	33.21
August	[1] 825	38.88	[1] 702	33.79	[1] 1,712	82.42		
September	[1] 1,027	50.01	[1] 767	38.15	[1] 1,132	56.31		
October	[1] 961	46.23	[1] 855	41.16	927	44.62		
November	[1] 976	48.48	[1] 848	42.18	[1] 1,035	51.48		
December	[1] 905	43.54	[1] 858	41.30	[1] 753	36.25		

[1] Death rate computed on population of 244,732 (Health Department's census).
[2] Death rate computed on returns of official census of 1903, showing a population of 219,941.

CAUSES OF DEATHS FOR THE MONTH OF JULY, 1903.

(STILLBIRTHS NOT INCLUDED.)

	NOMENCLATURE DESIGNED FOR THE STATISTICS OF DEATH.	NOMENCLATURA PARA LAS ESTADÍSTICAS DE DEFUNCIONES.	Americans.		Europeans.		Filipinos.		Chinese.		Total.
			M.	F.	M.	F.	M.	F.	M.	F.	
	I.	**I.**									
	General Diseases.	**Enfermedades Generales.**									
1	Typhoid fever (abdominal typhus)	Fiebre tifoidea			1	1	3	1	1		7
2	Exanthematic typhus	Tifus exantemático									
3	Recurrent fever	Fiebre recurrente									
4	Intermittent fever, and malarial cachexia	Fiebre intermitente					4	6			10
4a	Malarial cachexia	Caquexia palúdica					2	3	1	1	7
5	Variola	Viruelas						1			1
6	Measles	Sarampión									
7	Scarlatina	Escarlatina									
8	Whooping cough	Tos ferina									
9	Diphtheria and croup	Difteria y crup									
9a	Diphtheria	Difteria									
10	Grippe	Gripe									
11	Miliary fever	Fiebre miliar									
12	Asiatic cholera	Cólera asiático	1		1		16	13	2		33
13	Cholera, nostras	Cólera nostras									
14	Dysentery	Disenteria					10	4	4		18
14a	Epidemic dysentery	Disenteria epidémica									
15	Plague	Peste					2	4	1		7
16	Yellow fever	Fiebre amarilla									
17	Leprosy	Lepra									
18	Erysipelas	Erisipelas									
19	Other epidemic affections (beri-beri)	Otras afecciones epidémicas (beri-beri)					7	7	9		23
20	Purulent infection and septicæmia	Infección purulenta y septicemia						1			1
21	Glanders and farcy	Muermo y lamparones									
22	Malignant pustule and anthrax	Pústula maligna y antrax									
23	Rabies	Rabia									
24	Actinomycosis, trichinosis, etc	Actinomicosis, trichinosis, etc									
25	Pellagra	Pelagra									
26	Tuberculosis of larynx	Tuberculosis de la laringe					3	3			6
27	Tuberculosis of lungs	Tuberculosis del pulmón			1		29	30	8		68
28	Tuberculosis of meninges	Tuberculosis de las meninges					2				2
29	Tuberculosis of abdomen	Tuberculosis abdominal					3	1			4
30	Pott's disease	Mal de Pott									
31	Cold abscess and abscess by congestion	Abscesos fríos y por congestión					1				1
32	White swellings	Tumores blancos									
33	Tuberculosis of other organs	Tuberculosis de otros órganos									
34	Generalized tuberculosis	Tuberculosis generalizada									
35	Scrofula	Escrófula									
36	Syphilis	Sifilis	1								1
37	Gonorrhea of the adult	Blenorragia en los adultos									
38	Gonococcic infections of children	Afecciones gonocócicas en los niños									
39	Cancer and other malignant tumors of the bucal cavity.	Cáncer ú otros tumores malignos en la cavidad bucal									
40	Cancer and other malignant tumors of the stomach and liver.	Cáncer ú otros tumores malignos del estómago é hígado.									
41	Cancer and other malignant tumors of peritoneum, intestines, and rectum.	Cáncer ú otros tumores malignos del peritoneo, intestinos y recto.						1			1
42	Cancer and other malignant tumors of the female genitals.	Cáncer ú otros tumores malignos de los órganos genitales de la mujer.						1			1
43	Cancer and other malignant tumors of the breast	Cáncer ú otros tumores malignos de la mama									
44	Cancer and other malignant tumors of the skin	Cáncer ú otros tumores malignos de la piel									
45	Cancer and other malignant tumors of other organs and organs not specified.	Cáncer ú otros tumores malignos en otros órganos						1			1
46	Other tumors (tumors of the female genitals excepted).	Otros tumores (exceptuándose los de los órganos genitales de la mujer).									
47	Acute articular rheumatism	Reumatismo articular agudo									
48	Chronic rheumatism, and gout	Reumatismo crónico y gota					1	2			3
49	Scurvy	Escorbuto									
50	Diabetes	Diabetes									
51	Exophthalmic goiter	Bocio exoftálmico									
52	Addisson's disease	Enfermedad bronceada de Addison									
53	Leukæmia	Leucemia									
54	Anæmia, chlorosis	Anemia, clorosis					1	1			2
55	Other general diseases	Otras enfermedades generales									
56	Acute alcoholism or chronic	Alcoholismo agudo ó crónico	1								1
57	Lead poisoning	Saturnismo									
58	Other poisonings incident to occupations	Otras intoxicaciones profesionales crónicas									
59	Other chronic poisonings	Otros envenenamientos crónicos									
	II.	**II.**									
	Diseases of the Nervous System and the Organs of Special Sense.	**Enfermedades del Sistema Nervioso y de los Organos de los Sentidos.**									
60	Encephalitis	Encefalitis						1			1
61	Simple meningitis	Meningitis simple					8	8		1	17
61a	Epidemic cerebro-spinal meningitis	Meningitis cérebro-espinal epidémica									
62	Progressive locomotor ataxia	Ataxia locomotriz progresiva									
63	Other diseases of the spinal cord	Otras enfermedades de la médula espinal									
64	Cerebral congestion and hemorrhage	Congestión y hemorragia cerebrales					3	3			6
65	Cerebral softening	Reblandecimiento cerebral						1			1
66	Paralysis without apparent cause	Parálisis sin indicación de causa									
67	General paralysis	Parálisis generales					1	1			2

	NOMENCLATURE DESIGNED FOR THE STATISTICS OF DEATH.	NOMENCLATURA PARA LAS ESTADÍSTICAS DE DEFUNCIONES.	Americans. M.	Americans. F.	Europeans. M.	Europeans. F.	Filipinos. M.	Filipinos. F.	Chinese. M.	Chinese. F.	Total.
	II.—Diseases of the Nervous System and the Organs of Special Sense—Continued.	**II.—Enfermedades del Sistema Nervioso y de los Organos de los Sentidos—Continuación.**									
68	Other forms of insanity	Otras formas de alienación mental							1		1
69	Epilepsy	Epilepsia									
70	Eclampsia (nonpuerperal)	Eclampsia (no puerperal)					19	23			42
71	Convulsions of children	Convulsiones en los niños					76	77		1	154
72	Tetanus	Tétano						2			2
73	Chorea	Corea									
74	Other diseases of the nervous system	Otras enfermedades del sistema nervioso					5	4			9
75	Diseases of the eye and its adnexa	Enfermedades de ojos y sus anexos									
76	Diseases of the ear	Enfermedades de los oídos									
	III.	**III.**									
	Diseases of the Circulatory System.	**Enfermedades del Aparato Circulatorio.**									
77	Pericarditis	Pericarditis									
78	Acute endocarditis	Endocarditis aguda					2				2
79	Organic disease of the heart	Enfermedades orgánicas del corazón					2	1	2		5
80	Angina pectoris	Angina de pecho					1				1
81	Affections of the arteries (atheroma, aneurism, etc.)	Afecciones de las arterias, etc					1				1
82	Embolus and thrombosis	Embolia y trombosis									
83	Affections of the veins (varices, hemorrhoides, phlebitis).	Afecciones de las venas						1			1
84	Affections of the lymphatic system (lymphangitis, etc.).	Afecciones del sistema linfático									
85	Hemorrhages	Hemorragias									
86	Other affections of the circulatory system	Otras afecciones del aparato circulatorio									
	IV.	**IV.**									
	Diseases of the Respiratory System.	**Enfermedades del Aparato Respiratorio.**									
87	Diseases of the nasal fossæ	Enfermedades de las fosas nasales									
88	Affections of the larynx	Afecciones de la laringe									
89	Affections of the thyroid body	Afecciones del cuerpo tiroideo									
90	Acute bronchitis	Bronquitis aguda					12	17			29
91	Chronic bronchitis	Bronquitis crónica					12	13	2		27
92	Broncho-pneumonia	Bronco-pneumonía					1	2			3
93	Pneumonia	Pneumonía					1				1
94	Pleurisy	Pleuresía						1			1
95	Pulmonary congestion and apoplexy	Congestion y apoplegía pulmonares				1	2	2			5
96	Gangrene of the lungs	Gangrena del pulmón									
97	Asthma	Asma					1		2		3
98	Pulmonary emphysema	Enfisema pulmonar									
99	Other diseases of the respiratory system (phthisis excepted).	Otras enfermedades del aparato respiratorio (exceptuándose la tisis).									
	V.	**V.**									
	Diseases of Digestive System.	**Enfermedades del Aparato Digestivo.**									
100	Affections of the mouth and its adnexa	Afecciones de la boca y de sus anexos						1			1
101	Affections of the pharynx	Afecciones de la faringe									
102	Affections of the esophagus	Afecciones del esófago									
103	Ulcer of the stomach	Ulcera del estómago									
104	Other affections of the stomach (cancer excepted)	Otras afecciones del estómago (exceptuándose el cáncer).					1	4			5
105	Diarrhea and enteritis (under two years)	Diarrea y enteritis (en niños menores de 2 años)					1	3		1	5
105a	Chronic diarrhea and enteritis	Diarrea y enteritis crónica					17	14			31
106	Diarrhea and enteritis (two years and over)	Diarrea y enteritis (en niños de 2 ó más años)					2	1			3
107	Intestinal parasites	Parásitos intestinales					1	1			2
108	Hernias; intestinal obstructions	Hernias: obstrucciones intestinales					1		1		2
109	Other affections of the intestines	Otras afecciones del intestino									
110	Acute yellow atrophy of the liver	Ictericia grave							1		1
111	Hydatid tumors of the liver	Tumores hidátidicos del hígado									
112	Cirrhosis of the liver	Cirrosis del hígado					1				1
113	Biliary calculi	Cálculos biliares									
114	Other affections of the liver	Otras afecciones del hígado					1		1		2
115	Affections of the spleen	Afecciones del bazo									
116	Simple peritonitis (puerperal excepted)	Peritonitis simple (exceptuándose la puerperal)					1	1			2
117	Other affections of the digestive system (cancer and tuberculosis excepted).	Otras afecciones del aparato digestivo (exceptuándose el cáncer y tuberculosis).									
118	Appendicitis and abscess of the iliac fossa	Apendicitis y flemón de la fosa iliaca									
	VI.	**VI.**									
	Diseases of the Genito-Urinary System and its Adnexa.	**Enfermedades del Aparato Génito Urinario y de sus Anexos.**									
119	Acute nephritis	Nefritis aguda					2	2			4
120	Bright's disease	Mal de Bright					2	2			4
121	Other diseases of the kidneys and their adnexa	Otras enfermedades de los riñones y de sus anexos									
122	Calculi of the urinary tract	Cálculos de las vías urinarias									
123	Diseases of the bladder	Enfermedades de la vegiga									
124	Diseases of the urethra, urinary abscess, etc	Enfermedades de la uretra									
125	Diseases of the prostate	Enfermedades de la próstata					1				1
126	Nonvenereal diseases of the male genital organs	Enfermedades no venereas de los órganos genitales del hombre.									
127	Metritis	Metritis									
128	Uterine hemorrhage (nonpuerperal)	Hemorragia uterina (no puerperal)						2			2
129	Tumor, uterine (noncancerous)	Tumor uterino (no canceroso)									
130	Other diseases of the uterus	Otras enfermedades del útero									
131	Cysts and other tumors of the ovary	Quistes y otros tumores del ovario									
132	Other diseases of the female genital organs	Otras enfermedades de los organos genitales de la mujer.									
133	Nonpuerperal diseases of the breast (cancer excepted).	Enfermedades no puerperales de la mama (exceptuándose el cáncer).									

	NOMENCLATURE DESIGNED FOR THE STATISTICS OF DEATH.	NOMENCLATURA PARA LAS ESTADÍSTICAS DE DEFUNCIONES.	Americans. M.	Americans. F.	Europeans. M.	Europeans. F.	Filipinos. M.	Filipinos. F.	Chinese. M.	Chinese. F.	Total.
	VII.	**VII.**									
	The Puerperal State.	**Estado Puerperal.**									
134	Accidents of pregnancy	Accidentes de la preñez									
135	Puerperal hemorrhage	Hemorragia puerperal						4			4
136	Other accidents of labor	Otros accidentes del parto									
137	Puerperal septicæmia	Septicemia puerperal						5			5
138	Albuminuria and puerperal eclampsia	Albuminuria y eclampsia puerperales									
139	Puerperal phlegmasia alba dolens	Flegmasia alba dolens puerperal									
140	Other puerperal accidents—sudden death	Otros accidentes puerperales—muerte repentina									
141	Puerperal diseases of the breast	Enfermedades puerperales de la mama									
	VIII.	**VIII.**									
	Diseases of the Skin and Cellular Tissue.	**Enfermedades de la Piel y del Tejido Celular.**									
142	Gangrene	Gangrena									
143	Furuncle	Forúnculo									
144	Warm-acute abscess	Abscesos calientes agudos									
145	Other diseases of the skin and its adnexa	Otras enfermedades de la piel									
	IX.	**IX.**									
	Diseases of the Organs of Locomotion.	**Enfermedades de los Órganos de la Locomoción.**									
146	Affections of the bones (nontuberculous)	Afecciones de los huesos(exceptuando la tuberculosis)									
147	Diseases of the joints (tuberculosis and rheumatism excepted).	Afecciones de las articulaciones (exceptuando la tuberculosis y el reumatismo).									
148	Amputation	Amputación									
149	Other affections of the organs of locomotion	Otras afecciones de los órganos de la locomoción									
	X.	**X.**									
	Malformations.	**Vicios de Conformación.**									
150	Congenital malformations (stillbirths excepted)	Vicios de conformación congénitos (exceptuándose los de niños nacidos muertos).					1	1			2
	XI.	**XI.**									
	Early Infancy.	**Primera Infancia.**									
151	Congenital debility icterus and sclerema	Debilidad congénita, ictericia y esclerema					5	4			9
152	Other special diseases of early infancy	Otras enfermedades especiales de la primera edad									
153	Lack of care	Falta de cuidados									
	XII.	**XII.**									
	Old Age.	**Vejez.**									
154	Senile debility	Debilidad senil					7	5			12
	XIII.	**XIII.**									
	Affections Produced by External Causes.	**Afecciones Producidas por Causas Exteriores.**									
155	Suicide by poison	Suicidio por envenenamiento									
156	Suicide by asphyxia	Suicidio por asfixia									
157	Suicide by hanging or strangulation	Suicidio por suspensión ó por extrangulación									
158	Suicide by submersion	Suicidio por submersión									
159	Suicide by firearms	Suicidio por armas de fuego						1			1
160	Suicide by cutting instruments	Suicidio por instrumentos cortantes							1		1
161	Suicide by jumping from high place	Suicidio por dejarse caer desde un punto elevado									
162	Suicide by crushing	Suicidio por aplastamiento									
163	Other suicides	Otros suicidios									
164	Fractures	Fracturas					1				1
165	Dislocations	Luxaciones									
166	Other accidental traumatisms	Otros traumatismos accidentales									
167	Burns	Quemaduras por el fuego						1			1
168	Burning by corrosive substances	Quemaduras por substancias corrosivas									
169	Insolation	Insolación									
170	Freezing	Congelación									
171	Electrical shocks	Commoción eléctrica									
172	Accidental submersion	Submersión accidental					3				3
173	Inanition	Inanición	1								1
174	Inhalation of deleterious gases (suicide excepted)	Absorción de gases deletéreos									
175	Other acute poisonings	Otros envenenamientos agudos									
176	Other external violence	Otras violencias exteriores									
	XIV.	**XIV.**									
	Ill-Defined Diseases.	**Enfermedades mal Definidas.**									
177	Dropsy	Hidropesía									
178	Sudden death	Muerte repentina									
179	Unspecified or ill-defined causes of death	Causas de muerte no especificadas ó mal definidas						1	1		2
	Total		4		3	2	279	290	38	4	620
	Grand total		4		5		569		42		620

NUMBER OF DEATHS BY RACE, SEX, AND AGE.

CAUSE OF DEATH.	Less than one day to thirty days.								From thirty days to one year.								From one to five years.								From five to ten years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
I.																																
General Diseases.																																
1. Typhoid fever (abdominal typhus)																					1								1			
4. Intermittent fever, and malarial cachexia					1																	2							1			
4a. Malarial cachexia																					1									1		
5. Variola														1																		
12. Cholera, Asiatic														1							2	2										
14. Dysentery																					3	3							2			
15. Plague																																
19. Other epidemic affections																					2	1							1			
20. Purulent infection and septicæmia																																
26. Tuberculosis of larynx																																
27. Tuberculosis of lungs																					1											
28. Tuberculosis of meninges																					2											
29. Tuberculosis, abdominal													3									1										
31. Cold abscess, and abscess by congestion																																
36. Syphilis																																
41. Cancer and other malingnant tumors of peritoneum, intestines, and Rectum																																
42. Cancer and other malignant tumors of the femals gemtals																																
45. Cancer and other malignant tumors of other organs and organs not specified																																
48. Chronic rheumatism and gout																																
54. Anæmia chlorosis																					1											
56. Acute alcoholism, or chronic																																
II.																																
Diseases of the Nervous System and the Organs of Special Sense.																																
60. Encephalitis																																
61. Meningitis, simple					2	2							1	4		1					5	2										
64. Cerebral congestion and hemorrhage					1																											
65. Cerebral softening						1																										
67. General paralysis																																
68. Other forms of insanity																																
70. Eclampsia (nonpuerperal)					9	13							10	9								1										
71. Convulsions of children					27	32							48	43		1					1	2										
72. Tetanus						1																								1		
74. Other diseases of the nervous system					1								2								2	4										
III.																																
Diseases of the Circulatory System.																																
78. Acute endocarditis																																
79. Organic disease of the heart																																
80. Angina pectoris																																
81. Affections of the arteries (atheroma aneurism, etc)																																
83. Affections of the veins (varices, Hemorrhoides phlebitis)																																
IV.																																
Diseases of the Respiratory System.																																
90. Acute bronchitis					3								6	15							3	2										
91. Chronic bronchitis						1							4	4							5	3										
92. Broncho-pneumonia													1	1																		
93. Pneumonia													1																			
94. Pleurisy																																
95. Pulmonary congestion and apoplexy				1		1																										
97. Asthma																																
V.																																
Diseases of the Digestive System.																																
100. Affections of the month and its adnexa														1																		
104. Other affections of the stomach (cancer excepted)													1	1								3										
105. Diarrhea and enteritis (under 2 years)														2										1								
105a. Diarrhea and enteritis, chronic													6	2							10	9										
106. Diarrhea and enteritis (2 years and over)																																
107. Intestinal parasites																					1	1										
108. Hernias, intestinal obstructions																																
110. Acute yellow atrohpy of the liver																																
112. Cirrhosis of the liver																																
114. Other affections of the liver																																
116. Simple peritonitis (puerperal excepted)																						1										
VI.																																
Diseases of the Genito-Urinary System and its Adnexa.																																
119. Acute nephritis																						1										
120. Bright's disease																																
125. Diseases of the prostate																																
128. Uterime hemorrhage (nonpuerperal)																																
VII.																																
The Puerperal State.																																
135. Puerperal hemorrage																																
137. Puerperal septicæmia																																

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	Less than one day to thirty days.				From thirty days to one year.				From one to five years.				From five to ten years.			
	A.	E.	F.	C.	A.	E.	F.	C.	A.	E.	F.	C.	A.	E.	F.	C.
	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.
X.																
Malformations.																
150. Congenital malformations (stillbirths excepted)			1				1									
XI.																
Early Infancy.																
151. Congenital debility, icterus, and sclerema			4 2				1 2									
XII.																
Old Age.																
154. Senile debility																
XIII.																
Affections Produced by External Causes.																
159. Suicide by firearms																
160. Suicide by cutting instruments																
164. Fractures																
167. Burns											1					
172. Accidental submersion											1				1	
173. Inanition																
XIV.																
Ill-Defined Diseases.																
179. Unspecified or ill-defined causes of death																
Total		1	49 53				84 89	2			44 41	1			6 2	

CAUSE OF DEATH.	From ten to fifteen years.				From fifteen to twenty years.				From twenty to twenty-five years.				From twenty-five to thirty years.			
	A.	E.	F.	C.	A.	E.	F.	C.	A.	E.	F.	C.	A.	E.	F.	C.
	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.
I.																
General Diseases.																
1. Typhoid fever (abdominal typhus)							1 1	1								
4. Intermittent fever and marial dachexia							1				1				1	
4a. Malarial cachexia				1												1
5. Variola																
12. Cholera, Asiatic			2				2 1				3 1		1		4 1	1
14. Dysentery							1									1
15. Plague			1								1				1 1	
17. Leprosy																
19. Other epidemic affections							1 2				1	4			2	1
20. Purulent infection and septicæmia																
26. Tuberculosis of larynx											1				1 1	
27. Tuberculosis of lungs							2 2			1	3 5				4 2	1
28. Tuberculosis of meninges																
29. Tuberculosis, abdominal																
30. Pott's disease																
32. White swellings																
36. Syphilis													1			
48. Chronic rheumatism and gout																
49. Scurvy																
54. Anæmia chlorosis																
55. Other general diseases																
56. Acute alcoholism, or chronic																
II.																
Diseases of the Nervous System and the Organs of Special Sense.																
60. Encephalitis																
61. Meningitis, simple																
62. Progressive locomotor ataxia																
63. Other diseases of the spinal cord																
64. Cerebral congestion and hemorrhage																
65. Cerebral softening																
67. General paralysis																
68. Other forms of insanity												1				
70. Eclampsia (nonpuerperal)																
71. Convulsions of children																
72. Tetanus																
74. Other diseases of the nervous system																

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From ten to fifteen years.								From fifteen to twenty years.								From twenty to twenty-five years.								From twenty-five to thirty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
III.																																
Diseases of the Circulatory System.																																
78. Acute Endocarditis																																
79. Organic disease of the heart													1																			
80. Angina pectoris																																
81. Affections of the arteries (atheroma)																																
83. Affections of the Veins Varices, Hemorrhoides. Phlebitis)																																
IV.																																
Diseases of the Respiratory System.																																
90. Acute bronchitis																																
91. Chronic bronchitis					1	1																										
92. Broncho-pneumonia																																
93. Pneumonia																														1		
94. Pleurisy																																
95 Pulmonary congestion and apoplexy																																
97. Asthma																													1			
V.																																
Diseases of the Digestive System.																																
100. Affection of the Mouth and its Adnexa																																
104. Other affections of the stomach (cancer excepted)																																
105. Diarrhea and enteritis (under 2 years)																																
105a. Diarrhea and enteritis, chronic																																
106. Diarrhea and Enteritis (2 years and over)																																
107. Intestinal Parasites																																
108. Hernias, intestinal obstructions																																
110. Acute Yellow Atrophy of the Liver																								1								
112. Cirrhosis of the Liver																															1	
114. Other affections of the liver																																
116. Simple peritonitis (puerperal excepted)																																
VI.																																
Diseases of the Genito-Urinary System and its Adnexa.																																
119. Acute nephritis																																
120. Bright's disease																					1											
125. Diseases of the Prostate																						1										
128. Uterine Hemorrhage nonpuerperal)																																
VII.																																
The Puerperal State.																																
135. Puerperal Hemorrhage													1									1								1		
137. Puerperal septicæmia													1																	3		
X.																																
Malformations.																																
150. Congenital malformations (stillbirths excepted)																																
XI.																																
Early Infancy.																																
151. Congenital debility, icterus, and sclerema																																
XII.																																
Old Age.																																
154. Senile debility																																
XIII.																																
Affections Produced by External Causes.																																
159. Suicide by Firearms																																
160. Suicide by cutting instruments																																
164. Fractures																																
167. Burns																																
172. Accidental submersion																																
173. Inanition																													1			
XIV.																																
Ill-Defined Diseases.																																
179. Unspecified or ill-defined causes of death																																
Total					1	4		1					7	10	1				1		8	12	6		2				13	12	6	

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From thirty to thirty-five years.								From thirty-five to forty years.								From forty to forty-five years.								From forty-five to fifty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
I. General Diseases.																																
1. Typhoid fever (abdominal typhus)											1	1																				
4. Intermittent fever and malarial cachexia						1																										
4a. Malarial cachexia													1																		1	
5. Variola																																
12. Cholera, Asiatic					3								1	2							1	1	1				1					
14. Dysentery															3														3			
15. Plague													1		1																	
19. Other epidemic affections							1							2	2																1	
20. Purulent infection and septicæmia																																
26. Tuberculosis of larynx																													1			
27. Tuberculosis of lungs					1	10	1						3		1						4	2	3						3	1		
28. Tuberculosis of meninges																																
29. Tuberculosis, abdominal																																
31. Cold abscess and abscess by congestion					1																											
36. Syphilis																																
41. Cancer and other malignant tumors of peritoneum, intestines, and rectum																																
42. Cancer and other malignant tumors of the female genitals																																
45. Cancer and other malignant tumors of other organs and organs not specified																																
48. Chronic rheumatism and gout						1																										
54. Anæmia chlorosis																														1		
56. Acute alcoholism, or chronic																																
II. Diseases of the Nervous System and the Organs of Special Sense.																																
60. Encephalitis																																
61. Meningitis, simple																																
64. Cerebral congestion and hemorrhage																																
65. Cerebral softening																																
67. General paralysis																													1	1		
68. Other forms of insanity																																
70. Eclampsia (nonpuerperal)																																
71. Convulsions of children																																
72. Tetanus																																
74. Other diseases of the nervous system																																
III. Diseases of the Circulatory System.																																
78. Acute endocardistis					1																											
79. Organic disease of the heart						1									1								1									
80. Angina pectoris																																
81. Affections of the arteries (atheroma aneurism, etc.)																																
83. Affections of the veins (varices, hemorrhoids, phlebitis)																																
IV. Diseases of the Respiratory System.																																
90. Acute bronchitis																																
91. Chronic bronchitis														1																1		
92. Broncho-pneumonia																																
93. Pneumonia																																
94. Pleurisy																						1										
95. Pulmonary congestion and apoplexy						1															1											
97. Asthma															1																1	
V. Diseases of the Digestive System.																																
100. Affections of the mouth and its adnexa																																
104. Other affections of the stomach (cancer excepted)																																
105. Diarrhea and enteritis (under 2 years)																																
105a. Diarrhea and enteritis, chronic													1																			
106. Diarrhea and enteritis (2 years and over)																																
107. Intestinal parsites																																
108. Hernias, intestinal obstructions																					1											
110. Acute yellow atrophy of the liver																																
112. Cirrhosis of the liver													1																			
114. Other affections of the liver															1																	
116. Simple peritonitis (puerperal excepted)													1																			
VI. Diseases of the Genito-Urinary System and its Adnexa.																																
119. Acute nephritis													1																	1		
120. Bright's disease													1																			
125. Diseases of the prostate																					1											
128. Uterine hemorrhage (nonpuerperal)						1								1																		
VII. The Puerperal State.																																
135. Puerperal hemorrhage						1																										
137. Puerperal septicæmia														1																		

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From thirty to thirty-five years.				From thirty-five to forty years.				From forty to forty-five years.				From forty-five to fifty years.			
	A.	E.	F.	C.	A.	E.	F.	C.	A.	E.	F.	C.	A.	E.	F.	C.
	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.
X.																
Malformations.																
150. Congenital malformations (stillbirths excepted)																
XI.																
Early Infancy.																
151. Congenital debility, icterus, and sclerema																
XII.																
Old Age.																
154. Senile debility																
XIII.																
Affections Produced by External Causes.																
159. Suicide by firearms								1								
160. Suicide by cutting instruments																
164. Fractures							1									
167. Burns																
173. Inanition																
175. Other acute poisonings																
XIV.																
Ill-Defined Diseases.																
179. Unspecified or ill-defined causes of death				1												
Total			6 16	3		1 1	12	8 10				8 4	5		1	8 6 2

CAUSE OF DEATH.	From fifty upward.				Unknown.				Total.				Grand total.
	A.	E.	F.	C.	A.	E.	F.	C.	A.	E.	F.	C.	
	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	
I.													
General Diseases.													
1. Typhoid fever (abdominal typhus)										1 1	3 1	1	7
4. Intermittent fever and malarial cachexia			1 1								4 6		10
4a. Malarial cachexia				1							2 3	1 1	7
5. Variola											1		1
12. Cholera, Asiatic				2					1	1	16 13	2	33
14. Dysentery			2								10 4	4	18
15. Plague				1							2 4	1	7
19. Other epidemic affections			2								7 7	9	23
20. Purulent infection and septicæmia				1							1		1
26. Tuberculosis of larynx			1 1								3 3		6
27. Tuberculosis of lungs			8 8	2						1	29 30	8	68
28 Tuberculosis of meninges											2		2
29. Tuberculosis, abdominal											3 1		4
31. Cold abscess, and abscess by congestion											1		1
36. Syphilis									1				1
41. Cancer and other malignant tumors of peritoneum, intestines, and rectum				1							1		1
42. Cancer and other malignant tumors of the female genitals				1							1		1
45. Cancer and other malignant tumors of other organs and organs not specified				1							1		1
48. Chronic rheumatism and gout			1 1								1 2		3
54. Anæmia chlorosis											1 1		2
56. Acute alcoholism, or chronic									1				1
II.													
Diseases of the Nervous System and the Organs of Special Sense.													
60. Encephalitis				1							1		1
61. Meningitis, simple											8 8	1	17
64. Cerebral congestion and hemorrhage			2 3								3 3		6
65. Cerebral softening											1		1
67. General paralysis											1 1		2
68. Other forms of insanity												1	1
70. Eclampsia (nonpuerperal)											19 23		42
71. Convulsions of children											76 77	1	154
72. Tetanus											2		2
74. Other diseases of the nervous system											5 4		9

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From fifty upward.								Unknown.								Total.								Grand total.
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
III. Diseases of the Circulatory System.																									
78. Acute endocarditis																					2				2
79. Organic disease of the heart					2																2	1	2		5
80. Angina pectoris					1																1				1
81. Affections of the arteries (atheroma)					1																1				1
83. Affections of the veins (varices, hemorrhoides, phlebitis)																						1			1
IV. Diseases of the Respiratory System.																									
90. Acute bronchitis																					12	17			29
91. Chronic bronchitis					2	2	2														12	13	2		27
92. Broncho-pneumonia																					1	2			3
93. Pneumonia																					1				1
94. Pleurisy																						1			1
95. Pulmonary congestion and apoplexy																			1		2	2			5
97. Asthma					1																1		2		3
V. Diseases of the Digestive System.																									
100. Affection of the mouth and its adnexa																						1			1
104. Other affections of the stomach (cancer excepted)																					1	4			5
105. Diarrhea and enteritis (under 2 years)																					1	3		1	5
105a. Diarrhea and enteritis, chronic						1															17	14			31
106. Diarrhea and enteritis (2 years and over)																					2	1			3
107. Intestinal parasites																					1	1			2
108. Hernias, intestinal obstructions																					1		1		2
110. Acute yellow atrophy of the liver																							1		1
112. Cirrhosis of the liver																					1				1
114. Other affections of the liver					1																1		1		2
116. Simple peritonitis (puerperal excepted)																					1	1			2
VI. Diseases of the Genito-Urinary System and its Adnexa.																									
119. Acute nephritis																					2	2			4
120. Bright's disease					1	1															2	2			4
125. Diseases of the prostate																					1				1
128. Uterine hemorrhage (nonpuerperal)																						2			2
VII. The Puerperal State.																									
135. Puerperal hemorrhage																						4			4
137. Puerperal septicæmia																						5			5
X. Malformations.																									
150. Congenital malformations (stillbirths excepted)																					1	1			2
XI. Early Infancy.																									
151. Congenital debility, icterus, and sclerema																					5	4			9
XII. Old Age.																									
154. Senile debility					7	5															7	5			12
XIII. Affections Produced by External Causes.																									
159. Suicide by firearms																						1			1
160. Suicide by cutting instruments															1								1		1
164. Fractures																					1				1
167. Burns																						1			1
172. Accidental submersion																					3				3
173. Inanition									1								1								1
XIV. Ill-Defined Diseases.																									
179. Unspecified or ill-defined causes of death														1								1	1		2
Total	1				33	32	4		1					1	1		4		3	2	279	290	38	4	
Grand total																	4		5		569		42		620

Number of Deaths with Causes Occurring Among Transients in Manila During the Month of July. These Deaths Are Not Included in Preparing Death Rate of City.

			Americans.		Foreigners.		Filipinos.		Chinese.		Total.
			M.	F.	M.	F.	M.	F.	M.	F.	
	I. General Diseases.	**I. Enfermedades Generales.**									
1	Typhoid fever	Fiebre tifoidea					1				1
12	Cholera, Asiatic	Cólera asiático		1			2	2			5
14	Dysentery	Disenteria					1				1
15	Plague	Peste					1		1		2
19	Other epidemic affections (beri-beri)	Otras afecciones epidémicas (beri-beri)							1		1
27	Tuberculosis of lungs	Tuberculosis pulmonar					3				3
	II. Diseases of the Nervous System and the Organs of Special Sense.	**II. Enfermedades del Sistema Nervioso, y otros Organos de los Sentidos Especiales.**									
61	Meningitis, simple	Meningitis simple						1			1
71	Convulsions of children	Convulsiones infantiles					1	1			2
	III. Diseases of the Respiratory System.	**III. Enfermedades del Sistema Respiratorio.**									
92	Broncho pneumonia	Bronco neumonia						1			1
93	Pneumonia	Neumonia					1				1
96	Gangrene of the lungs	Gangrena de los pulmones					1				1
	IV. Early Infancy.	**IV. Primera infancia.**									
151	Congenital Debility Icterus and Sclerema	Debilidad congénita, ictericia y esclerema						1			1
	V. Ill-defined Diseases.	**V. Enfermedades mal definidas.**									
179	Unspecified or ill-defined causes of death	Causas de muerte no especificadas ó mal definidas					1				1
	Total			1			12	6	2		21

Report of Deaths Occurring in Bilibid Prison During the Month of July, 1903.

	Presidio.				Carcel.				Total.	Condition.			Cemeteries.
	Filipinos.		Chinese.		Filipinos.		Chinese.						
	M.	F.	M.	F.	M.	F.	M.	F.		Single.	Married.	Widower.	Loma.
Dysentery					1				1				
Other epidemic affections (beri-beri)					1				1				
Plague	1								1				
Tuberculosis of lungs	1								1				
Endocarditis	1								1	5	1	1	
Pneumonia	1								1				
Senile debility	1								1				
Total	5				2				7	5	1	1	7

Births Reported in July.

Americans	5
Filipinos	335
Spaniards	3
Other Europeans	1
Chinese	2
Total	346

Annual Birth Rate per Thousand for the Month.

Americans	13.42
Filipinos	20.79
Spaniards	13.98
Other Europeans	10.54
Chinese	1.11
Average	18.52

Report of Prescriptions Filled at the Municipal Dispensary, Showing Districts, Sex, and Age of Persons to Whom Medicines Have Been Given During the Month.

District.	Americans.				Foreigners.				Filipinos.				Chinese.				Total.
	Adult.		Children.		Adult.		Children.		Adult.		Children.		Adult.		Children.		
	M.	F.	Boy.	Girl.	M.	F.	Boy.	Girl.	M.	F.	Boy.	Girl.	M.	F.	Boy.	Girl.	
Walled City									16	9	3	8					36
Concepcion									1	8	8	1					18
San Miguel									8	5							13
Ermita												4					4
Malate											4	4					8
Paco									17	26	11	8					62
Santa Ana																	
Sampaloc									72	37	31	34					174
Pandacan									10	3							13
Quiapo									27	9	4	2					42
Santa Cruz									19	16	3	1					39
Binondo																	
San Nicolas									13	7	2	5					27
Tondo									6	10	2	2					20
Total									189	130	68	~~71~~ 69					456

Report of Sick and Wounded City Poor Attended by Municipal Physicians During the Month of July, 1903.

Physician.	Place.	Sex.				Nationality.								Total.	Cured.		Deaths.		Number of visits.
						Filipinos.		Chinese.		Foreigners.		Americans.							
		M.	F.	Boys.	Girls.	M.	F.	M.	F.	M.	F.	M.	F.		M.	F.	M.	F.	
R. Perramon	Walled City	11	15	4	6	15	21							36	9	11	1	2	113
	Concepcion	1	5	5	1	6	6							12	4	3	2	1	37
	San Miguel	4	3			4	3							7	1	2			29
C. Mora	Paco	12	16	9	8	21	24							45	7	11	6	8	106
	Ermita		2		1		3							3				1	7
	Malate	2	3	6		8	3							11	1		6	3	26
C. Reyes	Quiapo	8	5	1		9	5							14	7	4			84
	Santa Cruz	14	9	1	3	15	12							27	11	7	1	3	145
F. Castañeda	Sampaloc	14	23	8	17	22	40							62	11	14	3	8	128
S. V. del Rosario	Binondo																		
V. Pantoja	Tondo	16	15	10	6	26	21							47	15	9	8	9	115
V. Cavanna	San Nicolas	7	10	3	4	10	14							24	6	10			135
C. Victorino	Pandacan	5	2			5	2							7	4			2	23
	Santa Ana	1				1								1					2
Total		95	108	47	46	142	154							296	76	71	27	37	950

Monthly Report of San Lazaro Hospital Leper Department for July, 1903.

	Europeans.		Filipinos.		Chinese.		Total.
	M.	F.	M.	F.	M.	F.	
Number of patients in hospital at last report	0	1	126	85	1	0	213
Number of patients received during the month	0	0	1	0	0	0	1
Number of patients discharged	0	0	11	0	1	0	12
Number of deaths	0	0	1	0	0	0	1
Number of patients remaining in hospital	0	1	115	85	0	0	201

11 Filipinos and 1 Chinaman escaped during the night; 1 Filipino died.

Monthly Report of Women's Department for July, 1903.

	Americans.	Europeans.	Filipinos.	Japanese.	Total.
Number of patients in hospital at last report	1	14	86	79	180
Number of patients received during the month	2	6	26	49	83
Number of patients discharged	2	18	53	89	162
Number of deaths	0	0	0	0	0
Number of patients remaining in hospital	1	2	59	39	101

2 Americans discharged cured.
17 Europeans discharged cured, and 1 discharged uncured to leave the Islands.
53 Filipinos discharged cured.
87 Japanese discharged cured and 2 transferred to San Juan de Dios Hospital.

General Inspection of Houses, Premises, Vaults, etc., with Improvements Ordered, Disinfected, Whitewashed, Cleaned, etc., by Medical Inspectors, Chief Sanitary Inspectors, and Sanitary Inspectors, for the Month of July, 1903.

1. Houses inspected by the Chief Sanitary Inspector	2,671	26. Number of cholera cases reported by sanitary inspectors	11
2. Houses reinspected for verification of work ordered	923	27. Number of cholera cases reported by Auxiliary Advisory Board	3
3. Houses inspected by sanitary inspectors	95,745	28. Number of cholera cases found "alive"	10
4. Houses reinspected by sanitary inspectors	16,748	29. Number of cholera cases found "dead"	28
5. Houses ordered cleaned (written)	6	30. Number of orders issued during the month	189
6. Houses ordered cleaned (verbal)	13,016	31. Number of orders complied with during the month	360
7. Houses cleaned	11,039	32. Number of orders awaiting action	323
8. Houses ordered whitewashed and painted	173	33. Number of orders pending in court	4
9. Houses whitewashed and painted	169	34. Number of food tiendas in districts	1,146
10. Houses disinfected	98	35. Number of persons convicted for violation of food-prohibition order	1
11. Number of houses recommended condemned and removed	2		
12. Number of houses condemned and removed	0	36. Average in visiting each street and barrio during month	1.30
13. Number of localities where "squatters" are located	17	37. Number of regular inspectors on duty	57
14. Number of samples of water from wells sent to laboratory	0	38. Number of emergency inspectors on duty	97
15. Number of reports from same	0	39. Number of leper cases sent to San Lazaro Hospital	0
16. Number of fire plugs opened or closed for sanitary purposes	0	40. Number of plague cases reported	9
17. Number of hydrants recommended reopened	1	41. Number of smallpox cases reported	3
18. Number of houses where garbage has not been removed for two days	130	42. Houses in which traps are set	9,195
		43. Houses in which bane is placed	4,848
19. Number of persons reported sick to municipal physicians	122	44. Traps set	22,493
20. Cesspools and vaults ordered cleaned	1,320	45. Plates with rat bane placed	12,614
21. Cesspools cleaned	656	46. Rats caught by rat catchers	5,433
22. Yards ordered cleaned	5,929	47. Rats caught by traps	4,939
23. Yards cleaned	5,421	48. Rats caught by poison	106
24. Yards ordered repaired (repaved, etc.)	137	49. Rats purchased	229
25. Yards repaired	84	50. Rat catchers employed	65

Station A.—Health District No. 1.

Monthly Sanitary Report, Harbor and River, July, 1903.

Ships inspected	192	Trips made by the Board of Health launch up the river	4
Launches inspected	305	Cholera cases found on ships and other craft	3
Lorchas inspected	1,051	Cholera cases found dead	1
Cascos inspected	13	Bubonic plague cases reported	0
Fumigated	35	Smallpox cases reported	1
Trips made by the Board of Health launch to the bay	33	Dead bodies found in river and harbor	1

Report of action on licenses taken under the Board of Health during the month of July, 1903.

Business for the conduct of which license is desired.	License applications approved.	License applications disapproved.	Total applications acted on.	Applications awaiting action.
Bakery	5	1	6	0
Bath house	1	0	1	0
Boarding house	1	0	1	0
Dyeing establishment	2	0	2	0
Drug store (Chinese)	5	0	5	0
Drug store (native)	1	0	1	2
Hotel with first-class liquor license	1	0	1	0
Laundry	9	0	9	1
Lodging house	1	0	1	0
Make and sell aerated waters	3	5	8	2
Make and sell chocolate and coffee	4	0	4	1
Make and sell Lumbang oil	0	0	0	1
Make and sell perfume	1	0	1	0
Make and sell sauce	1	0	1	0
Make and sell slippers	0	1	1	1
Make and sell soap	3	0	3	0
Restaurant	6	0	6	1
Restaurant with first-class restaurant liquor license	3	0	3	1
Restaurant with second-class restaurant liquor license	2	0	2	3
Store to sell native foods and groceries	5	8	13	3
Wine (native), to sell	4	6	10	3
Total	58	21	79	19

Burials, July, 1903.

Cemeteries.	Number.
Loma (Government)	363
Paco General (Government)	23
Santa Cruz	7
Balic-Balic	90
Binondo	9
Tondo	1
Maytubig	45
Malate	32
Pandacan	17
Chinese	45
Crematory	4
Santa Ana	14
American National Cemetery	3
San Pedro Macati	2
Embalmed	1
Total	656

Total deaths including 15 childbirths and 21 transients in Manila.

Disinterments, July, 1903.

Paco Cemetery	5
Tondo	1
Santa Cruz	5
Chinese Cemetery (for removal to China)	45
Total	56

Crematories.

Animals cremated.	July, 1903. Paco.	Santa Cruz.	Total.
American horses	16		16
Australian horses	2		2
Filipino horses	86	1	87
Chino horses	1		1
Mules	1		1
Cows	75		75
Carabaos	36		36
Dogs	162	18	180
Hogs	4	6	10
Pigs		304	304
Goats		4	4
Sheep		1	1
Deer		2	2
Cats		104	104
Rabbits		8	8
Rats		6,313	6,313
Monkeys		8	8
Turkeys		6	6
Ducks		187	187
Chickens	4	1,301	1,305
Birds		548	548
Total	387	8,811	9,198
Loads cremated:			
Organic matter		50	50
House garbage	980	1,841	2,821
Street sweeping	326	21	347
Trade refuse	60	123	183
Other refuse	383	58	441
Preserves		5	5
Oranges and wooden boxes		1	1
Bacon		3	3
Jam			1
Tobaccos			1
Vegetables			1
Lemons			1
Asparagus			1
Flour			1
Total	1,749	2,102	3,857

Report of Operations of the Pail Conservatory System and Scavenging by Authorized Persons for the Month of July, 1903.

[Mr. B. H. Burrell, Superintendent.]

Number of seat installations on the last day of the month	1,493
Total number of Pail Conservancy System latrines on last day of the month	680
Number of private Pail Conservancy System latrines on last day of the month	664
Number of public Pail Conservancy System latrines on last day of the month	16
Total number of seats in public latrines	160
Estimated number of persons habitually resorting to public latrines daily	20,000
Number of pails cleaned during the month	42,911
Pails repaired in shops	50
Pails worn out in service	15
Commodes repaired in shops	40
Commodes worn out in service	0
Num er of repair orders to closets complied with	0
Number of inspections made during the progress of work	0
Number of complaints received	0
Cases adjusted against property owners	0
Cost (in Philippines pesos) of Pail Conservancy System, exclusive of office force	$3,945.30
Cost (in Philippines pesos) per pail daily	$0.0919
Funds (in Mexican currency) collected for installations placed in private houses during month	$91.00
Funds (in Mexican currency) collected as cleaning charges during month	$1,918.04
Funds (gold) collected as cleaning charges during month	$21.33
Number of vaults, cesspools, etc., cleaned by public excavators	11
Number of barrels (32 gallon) of contents of vaults and cesspools removed by public excavators	3,219
Funds (in Mexican currency) collected as cleaning charges for use of odorless excavators	$20.00
Number of vaults, cesspools, etc., cleaned by authorized private scavengers	Not reported.
Number of barrels (32 gallon) of contents of vaults, cesspools, etc., removed by authorized private scavengers	3,201
Number of employees of Pail Conservancy System on last day of month	103
Number of private individuals or firms authorized to engage in scavenger work	13

WILLIAM W. RICHARDS,
Chief City Veterinarian.

Veterinary Division.

On arrival in city:

Number of cattle inspected	3,664
Number of hogs inspected	3,530
Number of carabaos inspected	375
Number of sheep inspected	103
Number of goats inspected	55
Number of horses inspected	258
Number of other animals inspected	7
Total	7,992

In Government slaughterhouse:

Number of cattle slaughtered	2,377
Number of hogs slaughtered	5,487
Number of sheep slaughtered	120
Total	7,984
Number of cattle condemned and cremated	3
Number of hogs condemned and cremated	15
Total	18
Number of horses condemned for glanders	11
Number of horses condemned for pseudofarcy	2
Total	13

Reports Received of Lepers Living in the Various Provinces of the Philippine Islands to July 31, 1903.

Province.	Race.	Number of men.	Number of women.	Children. M.	Children. F.	Single. M.	Single. F.	Married. M.	Married. F.	Widower.	Widow.	Total.
Antique	Filipinos	92	37	2	2	38	28	42	4	12	5	133
Batangas	do	19	5			12	3	3	3	3		24
Bataan	do	10	4	1	1	5		3	2	2	2	16
Benguet	Igorrotes	31	10	1	1	1		21	10	9		43
Ambos Camarines	Filipinos	33	17	1	1	24	12	8	5	1		52
Bulacan	do	17	9	2	1	12	6	5	3			29
Ilocos Norte	do	45	28	5	2	9	10	31	8	5	10	80
Ilocos Sur	do	176	84	4	2	101	50	66	17	14	12	266
Leyte	do	49	38	1	3	26	27	20	7	3	4	91
Masbate	do	51	35	25	10	22	15	23	19	2	5	121
Cagayan	do	46	30		3	20	10	20	19	6	1	79
Lepanto	do	14	4	1		5	1	8		1	3	19
Cavite	do	17	5		3	16	3	1			2	25
Nueva Ecija	do	44	24			19	12	22	8	2	5	68
Negros Occidental	do	26	11	5	1	17	10	8	1	1		43
Pampanga	do	8	5	2		3	1	5	3	1		15
Pangasinan	do	120	80	2	3	36	28	65	38	19	14	205
Rizal	do	41	24	2		19	12	21	7	3	3	67
Marinduque	do	1	1	1			1	1				3
Laguna	do	1						1				1
*San Lazaro	do	93	77	22	9	59	38	25	21	9	15	201
Tarlac	do	27	24	11	4	7	9	17	11	2	5	66
Sorsogon	do	75	33	1	1	33	17	40	10	3	5	110
Romblon	do	5	10			3	6	2	3	1		15
Samar	do	39	32	13	8	17	9	21	18	3	3	92
Union	do	43	28	3		15	14	24	12	4	2	74
Zambales	do	58	35	2		30	15	26	13	4	5	95
Mindanao	Moros	140	74	3	3	84	46	45	18	9	12	220
Cebú	Filipinos	171	89	5	4	136	64	33	21	3	3	269
Iloilo	do	231	66	11	2	113	37	94	9	24	20	310
Negros Oriental	do	66	42	6	2	27	23	32	14	7	5	116
Isabela de Luzon	do	18	4	1		3	1	10	3	5		23
Tayabas	do	1								1		1
Albay	do	68	33	1	1	30	18	27	10	11	5	103
Nueva Vizcaya	do	13	12	2		7	3	4	6	2	3	27
Abra	do	11	6			5	4	5	2	1		17
Bohol	do	46	46	5	1	20	19	27	17	3	6	98
Capiz	do	44	33	19	9	26	24	13	12	1	1	105
Total		1,990	1,095	160	77	1,000	576	819	357	177	156	3,322

*1 European (female).

Statement of Amount of Vaccine Virus Distributed by the Board of Health During the Month of July, 1903.

United States Army	2,620
United States Marine-Hospital and Public Health Service	1,500
Philippines Constabulary	400
Bilibid Prison	100
Inhabitants of the Philippines (Manila not included)	52,450
Sold to the public	210
Used by public vaccinator of the city of Manila	20,000
Total	77,280

Report on Vaccination, City of Manila, During the Month of July, 1903.

SATURNINO ESPEJO, Chief of Vaccinators.

	Children. Filipinos.	Children. Chinese.	Children. Americans and foreigners.	Adults. Filipinos.	Adults. Chinese.	Adults. Americans and foreigners.	Total. Filipinos.	Total. Chinese.	Total. Americans and foreigners.	Grand total.
Walled City	238			461	54		699	54		753
Binondo	332	29		408	1,019		740	1,048		1,788
San Nicolas	313	9		480	1,320	1	793	1,329	1	2,123
Tondo	877	2		702	849	4	1,579	851	4	2,434
Santa Cruz	420	2		541	496	6	961	498	6	1,465
Quiapo	648	1		1,629	599	12	2,277	600	12	2,889
San Miguel	264	1		635	262	1	899	263	1	1,163
Sampaloc	743		2	850	47	44	1,593	47	46	1,686
Paco	313			329	5	11	642	5	11	658
Ermita	258			426			684			684
Malate	341			384		5	725		5	730
Total	4,747	44	2	6,845	4,651	84	11,592	4,695	86	16,373

Daily Report of Smallpox for Manila from July 1 to July 31, 1903.

Date.	Cases.													Deaths.		
	San Nicolas.				Tondo.		Sta. Cruz.				Intramuros.		Total.	Filipinos.		Total.
	Filipinos.		Other Europeans.		Filipinos.		Americans.		Filipinos.		Filipinos.					
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.		M.	F.	
July 1 to 3											1		1			
July 4 to 6					1								1			
July 5 to 7					1								1			
July 8 to 16							1						1			
July 17 to 19										1			1		1	1
July 20 to 23			1										1			
July 24 to 30		1											1			
Total		1	1		2		1			1	1		7		1	1

Daily Report of Bubonic Plague for Manila from July 1 to July 31, 1903.

Date.	Cases.																											
	San Nicolas.						Santa Cruz.				Intramuros.				Bilibid Prison.				Total.	Deaths.								
	Filipinos.				Chinese.		Filipinos.		Chinese.		Filipinos.		Chinese.		Filipinos.		Chinese.			Filipinos.		Chinese.						
	M.		F.		M.		F.		M.		F.		M.		F.		M.			M.		F.		M.		F.		
July 1															1				1	1				1				2
July 2					1														1									
July 3													1		2				3	1								1
July 4																												
July 5																												
July 6															1				1									
July 7															1				1									
July 8																												
July 9																												
July 10			1																1			1						1
July 11																												
July 12																												
July 13																												
July 14																												
July 15																												
July 16																												
July 17																												
July 18															1				1									
July 19			1																1			1						1
July 20																												
July 21					1			1											2			1		1				2
July 22																												
July 23																												
July 24								1											1			1						1
July 25																												
July 26																												
July 27																												
July 28							1												1			1						1
July 29																												
July 30																												
July 31																												
Total			2		2		1		2						1		6		14	2		5		2				9

Report of Chinese Receiving Primary and Secondary Inoculations Against Plague, from Board of Health Physicians, May 11 to July 31.

Sanitary stations.	San Nicolas.		Binondo.		Quiapo.		Tondo.		Santa Cruz.		San Miguel.		Sampaloc.		Intramuros.		Paco, Ermita, Malate.		Total per city.	
Period.	Primary Inoculations.	Secondary Inoculations.	Primary Inoculations.	Secondary Inoculations.	Primary Inoculations.	Secondary Inoculations.	Primary Inoculations.	Secondary Inoculations.	Primary Inoculations.	Secondary Inoculations.	Primary Inoculations.	Secondary Inoculations.	Primary Inoculations.	Secondary Inoculations.	Primary Inoculations.	Secondary Inoculations.	Primary Inoculations.	Secondary Inoculations.	Primary Inoculations.	Secondary Inoculations.
May 11-31	465	6	426	0	859	0	944	0	1,655	0	336	0	502	0	600	0	105	0	5,922	6
June 1-30	304	345	271	242	138	304	229	808	303	241	112	221	246	236	0	600	100	0	1,703	2,997
July 1-31	223	87	0	0	0	0	287	211	5	2	0	0	0	0	0	0	0	0	515	300
Total	992	438	697	242	997	304	1,460	1,019	1,963	243	478	221	748	236	600	600	205	0	8,140	3,303

In addition to the above, anti-plague inoculations of Chinese were made by private physicians as follows: April, 1,825 primary inoculations and 241 secondary; May, 1,518 primary and 218 secondary; June, 167 primary and 97 secondary; July, 107 primary and 29 secondary. Total for private physicians, 3,617 primary and 585 secondary. Grand total for city, 11,757 primary and 3,888 secondary inoculations.

Summary of the Number of Cases and Deaths from Cholera in the City of Manila from the 21st of March, 1902, to the 31st of July, 1903, inclusive.

Month.	Cases.					Deaths.					
	Filipinos.	Chinese.	Americans.	Europeans.	Total.	Filipinos.	Chinese.	Americans.	Europeans.	Total.	Per cent.
March 21 to 31	133	5		1	139	55	5		1	61	0.44
April 1 to 30	469	57	11	9	546	345	30	6	4	385	.70
May 1 to 2, 16 to 31	507	27	8	3	545	382	48	13	2	445	.81
June 1 to 30	521	28	13	9	571	464	15	9	1	489	.85
July 1 to 31	1,241	73	44	28	1,386	961	70	22	13	1,066	.76
August 1 to 31	584	74	37	22	717	481	74	19	13	587	.81
September 1 to 30	251	24	15	6	296	162	19	4	4	189	.63
October 1 to 31	66	11	5	3	85	47	8	1	3	59	.69
November 1 to 30	301	17	13	10	341	225	21	6	4	256	.75
December 1 to 31	35	1	1	1	38	22	1			23	.60
January 1 to 31	3	3	1		7	2	2			4	.57
February 1 to 28	2				2	2				2	1.00
March 1 to 31	5				5	5				5	1.00
*April 1 to 30	29	†3			32	25	3			28	.87
May	228	15	2		245	195	11	3		209	.85
June	34	3	1	1	39	33	3	1	1	38	.00
July	37	3	1	1	42	34	2	1	1	38	.90
Total	4,446	344	152	94	5,036	3,440	312	85	47	3,884	.77

* Including 1 English mestizo. † 1 Japanese.

Daily Report of Cholera for Manila from July 1 to July 31, 1903.

CASES.

Date.	San Nicolas.			Tondo.		Santa Cruz.		Quiapo.	Sampaloc.		Intramuros	Paco, Ermita and Malate.		Total	Deaths.				
	Americans.	Filipinos.	Chinese.	Filipinos.	Chinese.	Americans.	Filipinos.	Filipinos.	Foreigners.	Filipinos.	Filipinos.	Filipinos.	Chinese.		Americans.	Foreigners.	Filipinos.	Chinese.	Total
	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.		M. F.	M. F.	M. F.	M. F.	
July 1											1	1		2			1		1
July 2		2										1		3			4		4
July 3				1										1					
July 4																	1		1
July 5																			
July 6		1												1			1		1
July 7			1									1		2				2	2
July 8				1			1 1						1	4				2 1	3
July 9																			
July 10		1												1					
July 11				1										1			2		2
July 12																			
July 13										1		1 1		3			1		1
July 14																		1	1
July 15																			
July 16								1						1				1	1
July 17			1				1							2				1	1
July 18							1 1							2			1	1	2
July 19		1			1									2			1		1
July 20							1							1			1		1
July 21									1					1			1		1
July 22	1													1	1				1
July 23																			
July 24						1						1		2		1	1		2
July 25				1				1						2			1	2	3
July 26											1			1					
July 27																			
July 28												1		1			1	1	2
July 29				1							1			2			1		1
July 30				1	1		1			1				4			1	3 1	5
July 31												2		2				1	1
Total	1	5 1	1	3	4 1	1	4 3	2	1	1 1	2 1	5 4	1	42	1 1		19	15 2	38

Report of Cholera Reported from Provinces in the Philippine Islands from July 1 to July 31, 1903.

Province.	Cases.	Deaths.	Per cent.	Province.	Cases.	Deaths.	Per cent.
Rizal	104	67	64	Albay	93	91	97
Bulacan	199	157	78	Antique	425	314	78
Nueva Vizcaya	41	38	92	Capiz	31	23	74
Tarlac	162	99	61	Ilollo	2	2	100
Pangasinan	1,004	632	62	Occidental Negros	47	41	87
Zambales	264	175	66	Cebu	884	521	58
Union	2			Leyte	277	234	84
Ilocos Norte	12	6	50	Bohol	125	63	50
Cagayan	14	6	42	Surigao	107	87	81
Cavite	1	1	100	Misamis	295	190	64
Laguna	131	83	63				
Batangas	44	36	81	Total	4,271	2,872	
Camarines	7	6	85				
				Average			67

Report from the Bureau of Government Laboratories for the Month of July, 1903.

Analyses.

Toxicological	1	Oil cake	1
Assays	33	Stomach washings	1
Urine	25	Glycerine	1
Crude alcohol	1	Abdominal discharge	2
Paints	2	Blood stains	1
Alloys	2		
		Total	70

Clinical Examinations.

	Positive.	Negative.	Total.
Gonococci	211	1,186	1,397
Sputum:			
Tubercle bacilli	5	13	18
Blood:			
Erythrocyte counts	2		
Leucocyte counts	30		
Malarial parasites—			
Estivo-autumnal	3	6	
Serum reaction—			
B. typhosus	1	5	
Surra		6	53
Feces:			
Amœbæ dysenteriæ	20	44	
Other amœbæ	8		
Monads	9		
Ova trichocephalus dispar	2		
Ova uncinaria	1		
B. coli	1		72
Examination of rats for plague		199	199
Necropsies:			
Asiatic cholera	7		
Bubonic plague	6		
Other diseases	11		24
Miscellaneous	6		6
Total			1,769

Meteorological Data Deduced from Hourly Observations.

Date.	Barometer.[1] Mean.		Temperature. Mean.		Temperature. Maximum.		Temperature. Minimum.		Relative humidity, mean.	Wind. Prevailing direction.	Wind. Total daily motion.		Wind. Maximum. Force.		Wind. Maximum. Direction.	Sunshine.	Rainfall.	
	Inches.	*mm.*	°*C.*	°*F.*	°*C.*	°*F.*	°*C.*	°*F.*	*Per ct.*		*Km.*	*Miles.*	*Km.*	*Miles.*		*h. m.*	*Inch.*	*mm.*
1	29.798	756.86	29.6	85.3	34.4	93.9	22.8	73.0	72.2	W.	290	180	26	16	SW. by W.	10-30		
2	29.792	56.71	29.4	84.9	33.5	92.3	24.3	75.7	71.2	SE., WNW.	199	124	14	9	N.	4-10		
3	29.806	57.06	27.6	81.7	30.2	86.3	23.9	75.0	82.0	N.	140	87	16	10	N.	0-00	.043	1.1
4	29.770	56.16	28.8	83.8	32.4	90.3	23.3	74.0	78.7	WSW.	218	135	20	12	WSW.	8-20		
5	29.737	55.30	29.1	84.4	33.0	91.4	24.2	75.5	75.6	W.	268	167	24	15	WSW.	8-45	.197	5.0
6	29.724	54.99	28.8	83.8	33.1	91.6	23.9	75.0	78.7	WSW.	236	147	22	14	WSW.	7-00	.094	2.4
7	29.746	55.52	28.9	84.0	32.2	90.0	24.2	75.5	79.3	WSW.	297	185	34	21	WSW.	7-45	.161	4.1
8	29.760	55.90	28.7	83.7	32.1	89.8	23.7	74.7	80.6	W.	308	191	38	24	W.	7-15	.091	2.3
9	29.776	56.30	28.1	82.6	31.7	89.0	24.6	76.3	83.1	W.	220	137	28	18	W.	0-30	.032	0.8
10	29.769	56.13	27.2	81.0	32.3	90.2	23.8	74.8	84.3	S.-SE.	191	119	19	12	WSW.	2-35	.118	3.0
11	29.777	56.33	28.0	82.4	32.7	90.8	22.9	73.3	79.5	Variable.	160	99	18	11	S.	7-00	.126	3.2
12	29.798	56.84	28.8	83.8	33.9	93.0	23.6	74.5	75.8	S.	136	85	16	10	SW.	7-00		
13	29.784	56.51	29.2	84.6	33.5	92.3	23.1	73.5	70.8	Variable.	201	125	18	11	SE.	9-10		
14	29.833	57.75	27.6	81.7	30.9	87.7	24.0	75.2	82.9	Variable.	142	88	14	9	NW.	2-50	.610	15.5
15	29.858	58.39	26.4	79.5	28.3	82.9	23.3	73.9	84.3	SSE.	155	96	15	9	SSE.	0-00		
16	29.860	58.43	28.2	82.8	34.5	94.1	22.1	71.8	76.1	SSE.	212	132	18	11	SSE.	8-10		
17	29.885	59.08	26.4	79.5	30.5	86.9	23.1	73.6	85.9	W.	218	135	18	11	W.	3-35	.240	6.1
18	29.880	58.95	26.9	80.4	30.8	87.5	22.6	72.7	84.5	WNW.	126	78	15	9	WNW.	4-15	.083	2.1
19	29.870	58.69	27.4	81.3	31.6	88.9	23.4	74.1	78.1	N.-ENE.	163	101	25	16	SE.	6-10		
20	29.850	58.17	27.5	81.5	30.6	87.0	21.9	71.5	78.4	W.	85	53	9	6	W.	0-00		
21	29.806	57.06	27.5	81.5	33.2	91.7	22.8	73.1	81.6	W.	199	124	18	11	WSW.	8-15	1.169	29.7
22	29.793	56.73	26.6	79.9	30.8	87.5	22.7	72.9	87.7	Variable.	124	77	15	9	N.	5-25	.260	6.6
23	29.767	56.07	28.1	82.6	34.6	94.2	22.9	73.3	80.8	Variable.	120	75	14	9	ENE.	9-40		
24	29.735	55.24	28.4	83.1	34.9	94.9	22.7	72.9	77.4	Variable.	114	71	13	8	WSW.	6-55	.035	0.9
25	29.725	55.00	28.6	83.5	32.2	90.0	23.5	74.3	79.2	WSW.	100	62	18	11	WSW.	4-30		
26	29.758	55.84	27.1	80.8	30.0	86.0	23.6	74.5	84.4	SW.	390	242	32	20	WSW.	0-20	.524	13.3
27	29.793	56.72	25.2	77.4	26.9	80.4	22.2	71.9	92.2	SSW.-W.	314	195	35	22	WSW.	0-00	3.099	78.7
28	29.763	55.98	26.7	80.1	29.6	85.2	22.8	73.1	87.1	SW.	402	250	40	25	WSW.	0-00	.457	11.6
29	29.692	54.14	27.8	82.0	31.1	88.0	23.6	74.4	86.0	WSW.	950	590	49	30	W.	0-00	1.453	36.9
30	29.665	53.47	28.3	82.9	29.6	85.2	23.9	75.0	83.8	WSW.	894	556	48	30	WSW.	0-00	1.036	26.3
31	29.722	54.93	27.8	82.0	31.1	87.9	24.1	75.4	84.5	SW.	552	343	38	24	WSW.	2-40	.693	17.6
Mean	29.784	756.49	27.9	82.2	31.8	89.3	23.3	74.0	80.9		262.1	162.9	23.5	14.6		4-36		
Total											812.4	504.9				142-45	1.521	267.2

[1] Corrected for instrumental error and for temperature and reduced to sea level. Correction to standard gravity, —1.72mm (—0.068 inch).

GENERAL LIBRARY
UNIV. OF MICH.
JAN 28 1904

MONTHLY REPORT

OF THE

Board of Health for the Philippine Islands

AND

CITY OF MANILA,

AUGUST, 1903.

TO THE HON. DEAN C. WORCESTER, SECRETARY OF THE INTERIOR.

E. C. CARTER, M. D., U. S. Army,
Commissioner of Public Health.

Capt. E. L. MUNSON, A. M., M. D., U. S. Army,
Assistant to Commissioner of Public Health.

H. D. OSGOOD, B. S.,
Sanitary Engineer.

T. R. MARSHALL, M. D.,
Chief Health Inspector.

P. C. FREER, M. D., Ph. D.,
Superintendent of Government Laboratories.

MANUEL GOMEZ MARTINEZ, M. D.,
Secretary Board of Health.

MANILA:
BUREAU OF PUBLIC PRINTING.
1903.

9657

LETTER OF TRANSMITTAL.

DEPARTMENT OF THE INTERIOR,
BOARD OF HEALTH FOR THE PHILIPPINES,
OFFICE OF THE COMMISSIONER,
Manila, P. I., October 1, 1903.

SIR: I have the honor to make the following report of the operations of the Bureau of Health for the month of August, 1903:

The usual rise in the rate of intestinal diseases accompanying the wet season has been noted.

The general mortality rate for the month has shown a considerable increase as compared with that for the previous month. It is, however, only about one-half as high as for the same month a year ago.

The birthrate for the month was reported as at the rate of 22.97 per 1,000 annually. The use of the municipal midwives, in securing information relative to births and making reports thereon, is proving of much assistance in securing more accurate information as to the birthrate among the population of the city. Similar methods of securing information relative to births have proven very successful in other Oriental cities.

There were 11 cases of bubonic plague, with 9 deaths, in Manila during the month. Only 1 of these cases occurred in Chinese, or 9 per cent of the total. Up to the time general inoculation against plague was begun in this class the Chinese population had furnished 61 per cent of the total cases. There is no question as to the great practical value of prophylactic inoculation in combating plague. In the latter part of the month a case of plague occurred in Cebu in a Filipino who had not been absent from that city. Prompt measures were taken to eradicate the plague infection, which seems to have acquired a foothold in that city.

During the month cholera was reported as existing in thirty-nine provinces, there being 28,542 cases, with 20,826 deaths, reported from this cause, with a case mortality of 72 per cent. In Manila, including the transient population, there were 89 cases and 72 deaths, or about twice as many as during the previous month. In the same month (August) a year ago, there were 720 cases and 581 deaths in the city of Manila. The city cases occurring during the past month largely depended upon the infection of the Pasig River and esteros, which the rains were insufficient to properly flush out. It appears to be impossible to entirely prevent the use of the Pasig and estero water by a certain class of the population.

The great improvement in the sanitary conditions on the Mariquina watershed in respect to cholera warranted the Board of Health in modifying the stringent sanitary regulations previously enforced among the residents of the valley above the intake of the Manila water supply. So far this Department has been able to prevent infection by cholera of the city water supply.

During the month the new seagoing steam scavenger barge of the Board of Health was received from the builders. By reason of the congested condition of the shipping on the water front this boat has been delayed in beginning its work through difficulty in securing a proper site for a loading station. This scavenger boat is of 285 tons burden and is capable of efficiently removing and dumping at sea the entire excremental waste of the city. Its operation will materially facilitate the public scavenger work carried on by the Board of Health and place the latter in a better position to extend the scope of its operations along these lines. During the month, also, 3,000 sanitary pails and 4,500 covers were ordered for the expansion of the work of the pail-conservancy system.

Drafts of proposed acts relative to the prevention and control of rinderpest and other epidemic diseases in cattle and of surra and glanders in horses were transmitted to the Commission with request for their enactment into law. Legislation with respect to these diseases is urgently needed. General sanitary matters throughout the Islands are not properly covered by law, and considerable additional legislation on these matters is very

desirable. To this end, existing laws, ordinances, and regulations of the Board of Health have been codified and new laws drafted to remedy existing deficiences, and the whole have been referred to a committee for final revision.

To facilitate sanitary work and aid in diagnosis copies of a small pamphlet treating of the differential diagnoses of the various infectious diseases were distributed to the sanitary officials throughout the Islands. It is proposed to issue for general distribution small pamphlets and circulars on various health subjects from time to time in the future.

Heretofore the death certificates required have contained no information as to the occupation of the deceased. In view of the importance of determining the effect of occupation upon the general health and the development of special disease, this information will hereafter be required.

Very respectfully,

E. L. MUNSON,
Captain and Assistant Surgeon, United States Army,
Acting Commissioner of Public Health.

The SECRETARY OF THE INTERIOR.

Population of Manila.

Americans	4,389
Filipinos	189,782
Spaniards	2,528
Other Europeans	1,117
Chinese	21,230
All others	895
Total	219,941

Deaths Occurring During the Month of August.

Americans	6
Filipinos	808
Spanish	5
Other Europeans	2
Chinese	41
All others	0
Total	862

Annual Death Rate per Thousand for the Month.

Americans	16.11
Filipinos	50.15
Spanish	23.31
Other Europeans	21.09
Chinese	22.75
All others	
Average	46.17

A Classified Report of all Deaths Occurring in Manila During the Month of August, 1903.

[Including 49 transients in Manila.]

Males.

Married	111
Widowers	7
Single	105
Boys	304
Condition not stated in certificate	22
Total	549

Females.

Married	65
Widows	21
Single	23
Girls	249
Condition not stated in certificate	4
Stillbirths	14
Total	376
Grand total	925

Deaths by Age, including transients.

Under 30 days	107
30 days to 1 year	307
1 year to 2 years	59
2 years to 5 years	54
5 years to 10 years	22
10 years to 15 years	16
15 years to 20 years	23
20 years to 25 years	33
25 years to 30 years	48
30 years to 40 years	88
40 years to 50 years	52
50 years to 60 years	47
60 years to 70 years	26
70 years to 80 years	13
80 years to 90 years	6
90 years to 100 years	1
100 years and over	2
Unknown	7
Total	911

Deaths by Districts, including transients.

District.	Deaths.	Population.	Rate per 1000.
Walled City	31	11,463	31.35
Binondo	57	16,613	40.42
San Nicolas	89	29,059	36.07
Tondo	242	39,045	73.01
Santa Cruz	146	35,040	48.75
Quiapo	43	11,149	45.53
Sampaloc	96	18,779	60.22
San Miguel	34	8,838	45.32
Paco	60	6,725	105.10
Ermita	19	12,226	18.30
Malate	22	8,858	29.23
Pandacan	10	2,990	39.39
Santa Ana	9	3,255	32.56
Transient residents	49		
Unknown	4		
Total	911		

A Classified Report of all Deaths Occurring in Manila During the Month of February, 1903.

Comparative Mortality from January 1, 1900, to September 1, 1903.

Month.	1900.		1901.		1902.		1903.	
	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.
January	1,055	50.79	753	36.25	760	36.58	602	28.98
February	884	47.11	689	36.72	706	37.63	511	27.23
March	887	42.70	885	42.66	770	37.06	533	25.94
April	805	40.04	886	44.07	1,327	66.01	549	27.31
May	732	35.24	903	43.47	1,688	81.26	770	37.06
June	599	29.79	621	30.89	1,418	70.54	592	29.45
July	787	37.88	608	29.27	2,223	107.02	620	33.21
August	825	33.71	702	33.79	1,712	82.42	862	46.17
September	1,027	50.01	767	38.15	1,132	56.31		
October	961	46.23	855	41.16	927	44.62		
November	976	48.48	848	42.18	1,035	51.48		
December	905	43.54	858	41.30	753	36.25		

[1] Death rate computed on population of 244,732 (Health Department's census).
[2] Death rate computed on population of 219,941 (census 1903).

CAUSES OF DEATHS FOR THE MONTH OF AUGUST, 1903.

(STILLBIRTHS NOT INCLUDED.)

	NOMENCLATURE DESIGNED FOR THE STATISTICS OF DEATH.	NOMENCLATURA PARA LAS ESTADÍSTICAS DE DEFUNCIONES.	Americans.		Europeans.		Filipinos.		Chinese.		Total.
			M.	F.	M.	F.	M.	F.	M.	F.	
	I.	**I.**									
	General Diseases.	**Enfermedades Generales.**									
1	Typhoid fever (abdominal typhus)	Fiebre tifoidea			1		4	2			7
2	Exanthematic typhus	Tifus exantemático									
3	Recurrent fever	Fiebre recurrente									
4	Intermittent fever, and malarial cachexia	Fiebre intermitente					8	6	1		15
4a	Malarial cachexia	Caquexia palúdica					8	3			11
5	Variola	Viruelas				1	1				2
6	Measles	Sarampión									
7	Scarlatina	Escarlatina									
8	Whooping cough	Tos ferina									
9	Diphtheria and croup	Difteria y crup									
9a	Diphtheria	Difteria									
10	Grippe	Gripe									
11	Miliary fever	Fiebre miliar									
12	Asiatic cholera	Cólera asiático					42	17	4		63
13	Cholera, nostras	Cólera nostras									
14	Dysentery	Disentería	1		1		15	11	6		34
14a	Epidemic dysentery	Disentería epidémica									
15	Plague	Peste					5	2	1		8
16	Yellow fever	Fiebre amarilla									
17	Leprosy	Lepra									
18	Erysipelas	Erisipelas					1	2			3
19	Other epidemic affections (beri-beri)	Otras afecciones epidémicas (beri-beri)					11	7	5		23
20	Purulent infection and septicæmia	Infección purulenta y septicemia					1	1			2
21	Glanders and farcy	Muermo y lamparones									
22	Malignant pustule and anthrax	Pústula maligna y antrax									
23	Rabies	Rabia									
24	Actinomycosis, trichinosis, etc	Actinomicosis, trichinosis, etc									
25	Pellagra	Pelagra									
26	Tuberculosis of larynx	Tuberculosis de la laringe					2	2			4
27	Tuberculosis of lungs	Tuberculosis del pulmón	1				27	29	3		60
28	Tuberculosis of meninges	Tuberculosis de las meninges						1			1
29	Tuberculosis of abdomen	Tuberculosis abdominal					2	1			3
30	Pott's disease	Mal de Pott									
31	Cold abscess and abscess by congestion	Abscesos fríos y por congestión						1			1
32	White swellings	Tumores blancos									
33	Tuberculosis of other organs	Tuberculosis de otros órganos									
34	Generalized tuberculosis	Tuberculosis generalizada						2	1		3
35	Scrofula	Escrófula						2			2
36	Syphilis	Sífilis									
37	Gonorrhea of the adult	Blenorragia en los adultos									
38	Gonococcic infections of children	Afecciones gonocócicas en los niños									
39	Cancer and other malignant tumors of the bucal cavity.	Cáncer ú otros tumores malignos en la cavidad bucal									
40	Cancer and other malignant tumors of the stomach and liver.	Cáncer ú otros tumores malignos del estómago ó hígado.					1				1
41	Cancer and other malignant tumors of peritoneum, intestines, and rectum.	Cáncer ú otros tumores malignos del peritoneo, intestinos y recto.									
42	Cancer and other malignant tumors of the female genitals.	Cáncer ú otros tumores malignos de los órganos genitales de la mujer.									
43	Cancer and other malignant tumors of the breast	Cáncer ú otros tumores malignos de la mama									
44	Cancer and other malignant tumors of the skin	Cáncer ú otros tumores malignos de la piel									
45	Cancer and other malignant tumors of other organs and organs not specified.	Cáncer ú otros tumores malignos en otros órganos									
46	Other tumors (tumors of the female genitals excepted)	Otros tumores (exceptuándose los de los órganos genitales de la mujer).									
47	Acute articular rheumatism	Reumatismo articular agudo					1	1	1		3
48	Chronic rheumatism, and gout	Reumatismo crónico y gota					4				4
49	Scurvy	Escorbuto						1			1
50	Diabetes	Diabetes					1				1
51	Exophthalmic goiter	Bocio exoftálmico									
52	Addisson's disease	Enfermedad bronceada de Addison									
53	Leukæmia	Leucemia									
54	Anæmia, chlorosis	Anemia, clorosis					1	2			3
55	Other general diseases	Otras enfermedades generales					1				1
56	Acute alcoholism or chronic	Alcoholismo agudo ó crónico			1						1
57	Lead poisoning	Saturnismo									
58	Other poisonings incident to occupations	Otras intoxicaciones profesionales crónicas									
59	Other chronic poisonings	Otros envenenamientos crónicos									
	II.	**II.**									
	Diseases of the Nervous System and the Organs of Special Sense.	**Enfermedades del Sistema Nervioso y de los Organos de los Sentidos.**									
60	Encephalitis	Encefalitis						1			1
61	Simple meningitis	Meningitis simple					16	20			36
61a	Epidemic cerebro-spinal meningitis	Meningitis cérebro-espinal epidémica									
62	Progressive locomotor ataxia	Ataxia locomotriz progresiva							1		1
63	Other diseases of the spinal cord	Otras enfermedades de la médula espinal									
64	Cerebral congestion and hemorrhage	Congestión y hemorragia cerebrales					6	2			8
65	Cerebral softening	Reblandecimiento cerebral									
66	Paralysis without apparent cause	Parálisis sin indicación de causa									
67	General paralysis	Parálisis generales					2				2

	NOMENCLATURE DESIGNED FOR THE STATISTICS OF DEATH.	NOMENCLATURA PARA LAS ESTADÍSTICAS DE DEFUNCIONES.	Americans. M.	Americans. F.	Europeans. M.	Europeans. F.	Filipinos. M.	Filipinos. F.	Chinese. M.	Chinese. F.	Total.
	II.—Diseases of the Nervous System and the Organs of Special Sense—Continued.	**II.—Enfermedades del Sistema Nervioso y de los Organos de los Sentidos—Continuación.**									
68	Other forms of insanity	Otras formas de alienación mental							1		1
69	Epilepsy	Epilepsia				1					1
70	Eclampsia (nonpuerperal)	Eclampsia (no puerperal)					30	18			48
71	Convulsions of children	Convulsiones en los niños					126	91	3	1	221
72	Tetanus	Tétano					6	3			9
73	Chorea	Corea									
74	Other diseases of the nervous system	Otras enfermedades del sistema nervioso					6	5			11
75	Diseases of the eye and its adnexa	Enfermedades de ojos y sus anexos									
76	Diseases of the ear	Enfermedades de los oídos									
	III.	**III.**									
	Diseases of the Circulatory System.	**Enfermedades del Aparato Circulatorio.**									
77	Pericarditis	Pericarditis					1				1
78	Acute endocarditis	Endocarditis aguda			1		1				2
79	Organic disease of the heart	Enfermedades orgánicas del corazón	1				3		4		8
80	Angina pectoris	Angina de pecho						3	1		4
81	Affections of the arteries (atheroma, aneurism, etc.)	Afecciones de las arterias, etc					2				2
82	Embolus and thrombosis	Embolia y trombosis									
83	Affections of the veins (varices, hemorrhoides, phlebitis).	Afecciones de las venas									
84	Affections of the lymphatic system (lymphangitis, etc.).	Afecciones del sistema linfático									
85	Hemorrhages	Hemorragias									
86	Other affections of the circulatory system	Otras afecciones del aparato circulatorio									
	IV.	**IV.**									
	Diseases of the Respiratory System.	**Enfermedades del Aparato Respiratorio.**									
87	Diseases of the nasal fossæ	Enfermedades de las fosas nasales									
88	Affections of the larynx	Afecciones de la laringe									
89	Affections of the thyroid body	Afecciones del cuerpo tiroideo									
90	Acute bronchitis	Bronquitis aguda					17	15			32
91	Chronic bronchitis	Bronquitis crónica					10	12	1		23
92	Broncho-pneumonia	Bronco-pneumonia					4	2			6
93	Pneumonia	Pneumonia					3	2			5
94	Pleurisy	Pleuresia			1						1
95	Pulmonary congestion and apoplexy	Congestion y apoplegia pulmonares					4				4
96	Gangrene of the lungs	Gangrena del pulmón									
97	Asthma	Asma						1			1
98	Pulmonary emphysema	Enfisema pulmonar						1			1
99	Other diseases of the respiratory system (phthisis excepted).	Otras enfermedades del aparato respiratorio (exceptuándose la tisis).									
	V.	**V.**									
	Diseases of Digestive System.	**Enfermedades del Aparato Digestivo.**									
100	Affections of the mouth and its adnexa	Afecciones de la boca y de sus anexos									
101	Affections of the pharynx	Afecciones de la faringe									
102	Affections of the esophagus	Afecciones del esófago									
103	Ulcer of the stomach	Ulcera del estómago									
104	Other affections of the stomach (cancer excepted)	Otras afecciones del estómago (exceptuándose el cáncer).					4	3			7
105	Diarrhea and enteritis (under two years)	Diarrea y enteritis (en niños menores de 2 años)		1			1	8	1	1	12
105a	Chronic diarrhea and enteritis	Diarrea y enteritis crónica		1			37	38			76
106	Diarrhea and enteritis (two years and over)	Diarrea y enteritis (en niños de 2 ó más años)						2			2
107	Intestinal parasites	Parásitos intestinales					3	1			4
108	Hernias; intestinal obstructions	Hernias; obstrucciones intestinales									
109	Other affections of the intestines	Otras afecciones del intestino									
110	Acute yellow atrophy of the liver	Ictericia grave					1	1	1		3
111	Hydatid tumors of the liver	Tumores hidátidicos del hígado									
112	Cirrhosis of the liver	Cirrosis del hígado						1	2		3
113	Biliary calculi	Cálculos biliares					3				3
114	Other affections of the liver	Otras afecciones del hígado					1				1
115	Affections of the spleen	Afecciones del bazo									
116	Simple peritonitis (puerperal excepted)	Peritonitis simple (exceptuándose la puerperal)					2				2
117	Other affections of the digestive system (cancer and tuberculosis excepted).	Otras afecciones del aparato digestivo (exceptuándose el cáncer y tuberculosis).					1				1
118	Appendicitis and abscess of the iliac fossa	Apendicitis y flemón de la fosa iliaca					2				2
	VI.	**VI.**									
	Diseases of the Genito-Urinary System and its Adnexa.	**Enfermedades del Aparato Génito Urinario y de sus Anexos.**									
119	Acute nephritis	Nefritis aguda						1			1
120	Bright's disease	Mal de Bright					2	1	1		4
121	Other diseases of the kidneys and their adnexa	Otras enfermedades de los riñones y de sus anexos						1			1
122	Calculi of the urinary tract	Cálculos de las vías urinarias									
123	Diseases of the bladder	Enfermedades de la vegiga									
124	Diseases of the urethra, urinary abscess, etc	Enfermedades de la uretra									
125	Diseases of the prostate	Enfermedades de la próstata									
126	Nonvenereal diseases of the male genital organs	Enfermedades no venereas de los órganos genitales del hombre.									
127	Metritis	Metritis									
128	Uterine hemorrhage (nonpuerperal)	Hemorragia uterina (no puerperal)						1			1
129	Tumor, uterine (noncancerous)	Tumor uterino (no canceroso)									
130	Other diseases of the uterus	Otras enfermedades del útero									
131	Cysts and other tumors of the ovary	Quistes y otros tumores del ovario									
132	Other diseases of the female genital organs	Otras enfermedades de los organos genitales de la mujer.									
133	Nonpuerperal diseases of the breast (cancer excepted).	Enfermedades no puerperales de la mama (exceptuándose el cáncer).									

	NOMENCLATURE DESIGNED FOR THE STATISTICS OF DEATH.	NOMENCLATURA PARA LAS ESTADÍSTICAS DE DEFUNCIONES.	Americans. M.	Americans. F.	Europeans. M.	Europeans. F.	Filipinos. M.	Filipinos. F.	Chinese. M.	Chinese. F.	Total.
	VII.	**VII.**									
	The Puerperal State.	**Estado Puerperal.**									
134	Accidents of pregnancy	Accidentes de la preñez									
135	Puerperal hemorrhage	Hemorragia puerperal						1			1
136	Other accidents of labor	Otros accidentes del parto									
137	Puerperal septicæmia	Septicemia puerperal						4			4
138	Albuminuria and puerperal eclampsia	Albuminuria y eclampsia puerperales						2			2
139	Puerperal phlegmasia alba dolens	Flegmasia alba dolens puerperal									
140	Other puerperal accidents—sudden death	Otros accidentes puerperales—muerte repentina									
141	Puerperal diseases of the breast	Enfermedades puerperales de la mama									
	VIII.	**VIII.**									
	Diseases of the Skin and Cellular Tissue.	**Enfermedades de la Piel y del Tejido Celular.**									
142	Gangrene	Gangrena									
143	Furuncle	Forúnculo									
144	Warm-acute abscess	Abscesos calientes agudos									
145	Other diseases of the skin and its adnexa	Otras enfermedades de la piel						1			1
	IX.	**IX.**									
	Diseases of the Organs of Locomotion.	**Enfermedades de los Órganos de la Locomoción.**									
146	Affections of the bones (nontuberculous)	Afecciones de los huesos(exceptuando la tuberculosis)									
147	Diseases of the joints (tuberculosis and rheumatism excepted).	Afecciones de las articulaciones (exceptuando la tuberculosis y el reumatismo).									
148	Amputation	Amputación									
149	Other affections of the organs of locomotion	Otras afecciones de los órganos de la locomoción									
	X.	**X.**									
	Malformations.	**Vicios de Conformación.**									
150	Congenital malformations (stillbirths excepted)	Vicios de conformación congénitos (exceptuándose los de niños nacidos muertos).									
	XI.	**XI.**									
	Early Infancy.	**Primera Infancia.**									
151	Congenital debility icterus and sclerema	Debilidad congénita, ictericia y esclerema					9	7			16
152	Other special diseases of early infancy	Otras enfermedades especiales de la primera edad					2	1			3
153	Lack of care	Falta de cuidados						1			1
	XII.	**XII.**									
	Old Age.	**Vejez.**									
154	Senile debility	Debilidad senil					2	8	1		11
	XIII.	**XIII.**									
	Affections Produced by External Causes.	**Afecciones Producidas por Causas Exteriores.**									
155	Suicide by poison	Suicidio por envenenamiento									
156	Suicide by asphyxia	Suicidio por asfixia									
157	Suicide by hanging or strangulation	Suicidio por suspensión ó por extrangulación									
158	Suicide by submersion	Suicidio por submersión									
159	Suicide by firearms	Suicidio por armas de fuego									
160	Suicide by cutting instruments	Suicidio por instrumentos cortantes									
161	Suicide by jumping from high place	Suicidio por dejarse caer desde un punto elevado									
162	Suicide by crushing	Suicidio por aplastamiento									
163	Other suicides	Otros suicidios									
164	Fractures	Fracturas									
165	Dislocations	Luxaciones									
166	Other accidental traumatisms	Otros traumatismos accidentales					1				1
167	Burns	Quemaduras por el fuego					1	1			2
168	Burning by corrosive substances	Quemaduras por substancias corrosivas									
169	Insolation	Insolación									
170	Freezing	Congelación									
171	Electrical shocks	Commoción eléctrica									
172	Accidental submersion	Submersión accidental					2				2
173	Inanition	Inanición					1				1
174	Inhalation of deleterious gases (suicide excepted)	Absorción de gases deletéreos									
175	Other acute poisonings	Otros envenenamientos agudos	1								1
176	Other external violence	Otras violencias exteriores					2				2
	XIV.	**XIV.**									
	Ill-Defined Diseases.	**Enfermedades mal Definidas.**									
177	Dropsy	Hidropesía									
178	Sudden death	Muerte repentina									
179	Unspecified or ill-defined causes of death	Causas de muerte no especificadas ó mal definidas					4	1			5
	Total		4	2	5	2	454	354	39	2	862
	Grand total		6		7		808		41		862

NUMBER OF DEATHS BY RACE, SEX, AND AGE.

CAUSE OF DEATH.	Less than one day to thirty days.								From thirty days to one year.								From one to five years.								From five to ten years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
I.																																
General Diseases.																																
1. Typhoid fever (abdominal typhus)																					1	1										
4. Intermittent fever, and malarial cachexia													1								2								1			
4a. Malarial cachexia																						1										
5. Variola																			1													
12. Cholera, Asiatic																						1							4	1		
14. Dysentery													2								6	2								3		
15. Plague																																
18. Erysipelas					1								1	1																		
19. Other epidemic affections																					1											
20. Purulent infection and septicæmia																						1										
26. Tuberculosis of larynx																																
27. Tuberculosis of lungs																														1		
28. Tuberculosis of meninges																						1										
29. Tuberculosis, abdominal														1							1											
31. Cold abscess, and abscess by congestion														1																		
34. Generalized tuberculosis																															1	
35. Scrofula																														1		
40. Cancer and other malignant tumors of the stomach and liver					1																											
47. Acute articular rheumatism																																
48. Chronic rheumatism and gout																																
49. Scurvy														1																		
50. Diabetes																																
54. Anæmia chlorosis																														1		
55. Other general diseases																																
56. Acute alcoholism, or chronic																																
II.																																
Diseases of the Nervous System and the Organs of Special Sense.																																
60. Encephalitis																																
61. Meningitis, simple					1	3							9	12							5	4										
62. Progressive locomotor ataxia																																
64. Cerebral congestion and hemorrhage																																
67. General paralysis																																
68. Other forms of insanity																																
69. Epilepsy																																
70. Eclampsia (nonpuerperal)					23	8							7	10																		
71. Convulsions of children					43	27	1	1*					82	63	2						1	1										
72. Tetanus					5	3															1											
74. Other diseases of the nervous system					1								3	2							2	3										
III.																																
Diseases of the Circulatory System.																																
77. Pericarditis																																
78. Acute endocarditis											1																					
79. Organic disease of the heart													1																			
80. Angina pectoris																																
81. Affections of the arteries (atheroma, aneurism, etc.)																																
IV.																																
Diseases of the Respiratory System.																																
90. Acute bronchitis					1								15	14							1	1										
91. Chronic bronchitis													3	7							3	3										
92. Broncho-pneumonia													3	2																		
93. Pneumonia													1									1										
94. Pleurisy																																
95. Pulmonary congestion and apoplexy					1																								1			
97. Asthma																																
98. Pulmonary emphysema																																
V.																																
Diseases of the Digestive System.																																
104. Other affections of the stomach (cancer excepted)													3	2								1										
105. Diarrhea and enteritis (under 2 years)										1				4	1	1					1	4										
105a. Diarrhea and enteritis, chronic										1			8	11							25	22							2	1		
106. Diarrhea and enteritis (2 years and over)																						2										
107. Intestinal parasites																					2	1							1			
110. Acute yellow atrophy of the liver																																
112. Cirrhosis of the liver																																
113. Biliary calculi													3																			
114. Other affections of the liver																																
116. Simple peritonitis (puerperal excepted)																																
117. Other affections of the digestive system (cancer and tuberculosis excepted													1																			
118. Appendicitis and abscess of the iliac fossa																																
VI.																																
Diseases of the Genito-Urinary System and its Adnexa.																																
119. Acute nephritis														1																		
120. Bright's disease																																
121. Other diseases of the kidneys and their adnexa																																
128. Uterine hemorrhage (nonpuerperal)																																

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	Less than one day to thirty days.								From thirty days to one year.								From one to five years.								From five to ten years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
VII. The Puerperal State.																																
135. Puerperal hemorrhage																																
137. Puerperal septicæmia																																
138. Albuminuria and puerperal eclampsia																																
VIII. Disease of the Skin and Cellular Tissue.																																
145. Other diseases of the skin and its adnexa						1																										
XI. Early Infancy.																																
151. Congenital debility, icterus, and sclerema					8	6							1	1																		
152. Other special diseases of early infancy					1								1									1										
153. Lack of care														1																		
XII. Old Age.																																
154. Senile debility																																
XIII. Affections Produced by External Causes.																																
166. Other accidental traumatisms																																
167. Burns																					1	1										
172. Accidental submersion																																
173. Inanition																																
175. Other acute poisonings																																
176. Other external violence																																
XIV. Ill-Defined Diseases.																																
179. Unspecified or ill-defined causes of death																						1										
Total					84	49	1	1		2		1	144	135	3	1				1	53	53							9	8	1	
Grand total					133		2		2		1		279		4				1		106								17		1	

CAUSE OF DEATH.	From ten to fifteen years.								From fifteen to twenty years.								From twenty to twenty-five years.								From twenty-five to thirty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
I. General Diseases.																																
1. Typhoid fever (abdominal typhus)													1																			
4. Intermittent fever and malarial cachexia					1									1															1	1		
4a. Malarial cachexia					1	1															1								1			
5. Variola					1																											
12. Cholera, Asiatic					1	1							4	2							10	4	1						8	1	2	
14. Dysentery													1								1										3	
15. Plague						1							1								1								1			
18. Erysipelas																																
19. Other epidemic affections					1								2	1							1	2							2	1	2	
20. Purulent infection and septicæmia																													1			
26. Tuberculosis of larynx																						1										
27. Tuberculosis of lungs						2							4	1	1						4	4	1						4	7		
28. Tuberculosis of meninges																																
29. Tuberculosis, abdominal																					1											
31. Cold abscess, and abscess by congestion																																
34. Generalized tuberculosis																																
35. Scrofula						1																										
40. Cancer and other malignant tumors of the stomach and liver																																
47. Acute articular rheumatism													1																			
48. Chronic rheumatism and gout																																
49. Scurvy																																
50. Diabetes																																
54. Anæmia chlorosis																																
55. Other general diseases					1																											
56. Acute alcoholism, or chronic																																
II. Diseases of the Nervous System and the Organs of Special Sense.																																
60. Encephalitis																																
61. Meningitis, simple																																
62. Progressive locomotor ataxia																																
64. Cerebral congestion and hemorrhage																																
67. General paralysis																																
68. Other forms of insanity																																
69. Epilepsy												1																				
70. Eclampsia (nonpuerperal)																																
71. Convulsions of children																																
72. Tetanus																																
74. Other diseases of the nervous system																																

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From ten to fifteen years.								From fifteen to twenty years.								From twenty to twenty-five years.								From twenty-five to thirty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
III.																																
Diseases of the Circulatory System.																																
77. Pericarditis													1																			
78. Acute endocarditis																																
79. Organic disease of the heart																													1			
80. Angina pectoris																					1									1		
81. Affections of the arteries (atheroma aneurism, etc.)																																
IV.																																
Diseases of the Respiratory System.																																
90. Acute bronchitis																																
91. Chronic bronchitis					1																1											
92. Broncho-pneumonia																																
93. Pneumonia													1																	1		
94. Pleurisy																																
95 Pulmonary congestion and apoplexy																													1			
97. Asthma																																
98. Pulmonary emphysema																																
V.																																
Diseases of the Digestive System.																																
104. Other affections of the stomach (cancer excepted)																																
105. Diarrhea and enteritis (under 2 years)																																
105a. Diarrhea and enteritis, chronic																														1		
106. Diarrhea and enteritis (2 years and over)																																
107. Intestinal parasites																																
110. Acute yellow atrophy of the liver																																
112. Cirrhosis of the liver																																
113. Biliary calculi																																
114. Other affections of the liver																																
116. Simple peritonitis (puerperal excepted)					1																1											
117. Other affections of the digestive system (cancer and tuberculosis excepted																																
118. Appendicitis and abscess of the iliac fossa																													1			
VI.																																
Diseases of the Genito-Urinary System and its Adnexa.																																
119. Acute nephritis																																
120. Bright's disease																																
121. Other diseases of the kidneys and their adnexa																					1											
128. Uterine hemorrhage (nonpuerperal)															1																	
VII.																																
The Puerperal State.																																
135 Puerperal hemorrhage																																
137. Puerperal septicæmia																					1									1		
138. Albuminaria and puerperal eclampsia															1															1		
X.																																
Disease of the Skin and Cellular Tissue.																																
145. Other diseases of the skin and its adnexa																																
XI.																																
Early Infancy.																																
151. Congenital debility, icterus, and sclerema																																
152. Other special diseases of early infancy																																
153. Lack of care																																
XII.																																
Old Age.																																
154. Senile debility																																
XIII.																																
Affections Produced by External Causes.																																
166. Other accidental traumatisms													1																			
167. Burns																																
172. Accidental submersion													1								1											
173. Inanition																																
175. Other acute poisonings																																
176. Other external violence					1																								1			
XIV.																																
Ill-Defined Diseases.																																
179. Unspecified or ill-defined causes of death																																
Total					9	6						1	18	7	1						22	14	2						22	15	7	
Grand total					15							1	25		1						36		2						37		7	

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From thirty to thirty-five years.								From thirty-five to forty years.								From forty to forty-five years.								From forty-five to fifty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
I. General Diseases.																																
1. Typhoid fever (abdominal typhus)													1														1					
4. Intermittent fever and malarial cachexia													1	1									1						1	1		
4a. Malarial cachexia													1																2	1		
5. Variola																																
12. Cholera, Asiatic					5	2							3	1							2		1						1	1		
14. Dysentery	1		1			2	1							3	1														2	1		
15. Plague													1								1											
18. Erysipelas																																
19. Other epidemic affections						1	1							1							2		1								1	
20. Purulent infection and septicæmia																																
26. Tuberculosis of larynx													2																			
27. Tuberculosis of lungs					2	5			1				1	2	1						1	1							4	3		
28. Tuberculosis of meninges																																
29. Tuberculosis, abdominal																																
31. Cold abscess and abscess by congestion																																
34. Generalized tuberculosis																																
35. Scrofula																																
40. Cancer and other malignant tumors of the stomach and liver																																
47. Acute articular rheumatism																							1									
48. Chronic rheumatism and gout																					1								1			
49. Scurvy																																
50. Diabetes																																
54. Anæmia chlorosis					1																											
55. Other general diseases																																
56. Acute alcoholism, or chronic																											1					
II. Diseases of the Nervous System and the Organs of Special Sense.																																
60. Encephalitis																																
61. Meningitis, simple					1																											
62. Progressive locomotor ataxia																																
64. Cerebral congestion and hemorrhage					1																	1							1			
67. General paralysis																																
68. Other forms of insanity																							1									
69. Epilepsy																																
70. Eclampsia (nonpuerperal)																																
71. Convulsions of children																																
72. Tetanus																																
74. Other diseases of the nervous system																																
III. Diseases of the Circulatory System.																																
77. Pericarditis																																
78. Acute endocarditis					1																											
79. Organic disease of the heart							2		1						1								1									
80. Angina pectoris														1																	1	
81. Affections of the arteries (atheroma, aneurism, etc.)																																
IV. Diseases of the Respiratory System.																																
90. Acute bronchitis																																
91. Chronic bronchitis					1		1																									
92. Broncho-pneumonia																																
93. Pneumonia													1																			
94. Pleurisy																																
95. Pulmonary congestion and apoplexy																					1											
97. Asthma																														1		
98. Pulmonary emphysema																																
V. Diseases of the Digestive System.																																
104. Other affections of the stomach (cancer excepted)																																
105. Diarrhea and enteritis (under 2 years)																																
105a. Diarrhea and enteritis, chronic						1								1															1	1		
106. Diarrhea and enteritis (2 years and over)																																
107. Intestinal parasites																																
110. Acute yellow atrophy of the liver															1															1		
112. Cirrhosis of the liver							1								1															1		
113. Biliary calculi																																
114. Other affections of the liver																																
116. Simple peritonitis (puerperal excepted)																																
117. Other affections of the digestive system (cancer and tuberculosis excepted																																
118. Appendicitis and abscess of the iliac fossa													1																			
VI. Diseases of the Genito-Urinary System and its Adnexa.																																
119. Acute nephritis																																
120. Bright's disease					1										1														1			
121. Other diseases of the kidneys and their adnexa																																
128. Uterine hemorrhage (nonpuerperal)																																

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From thirty to thirty-five years.								From thirty-five to forty years.								From forty to forty-five years.								From forty-five to fifty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
VII. The Puerperal State.																																
135. Puerperal hemorrhage						1																										
137. Puerperal septicæmia						1								1																		
138. Albuminuria and puerperal eclampsia																																
X. Disease of the Skin and Cellular Tissue.																																
145. Other diseases of the skin and its adnexa																																
XI. Early Infancy.																																
151. Congenital debility, icterus, and sclerema																																
152. Other special diseases of early infancy																																
153. Lack of care																																
XII. Old Age.																																
154. Senile debility																																
XIII. Affections Produced by External Causes.																																
166. Other accidental traumatisms																																
167. Burns																																
172. Accidental submersion																																
173. Inanition												1																				
175. Other acute poisonings																																
176. Other external violence																																
XIV. Ill-Defined Diseases.																																
179. Unspecified or ill-defined causes of death																																
Total	1		1		13	13	6		2				13	11	6						8	2	6				2		14	11	2	
Grand total	1		1		26		6		2				24		6						10		6				2		25		2	

CAUSE OF DEATH.	From fifty upward.								Unknown.								Total.								Grand total.
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
I. General Diseases.																									
1. Typhoid fever (abdominal typhus)					1	1													1		4	2			7
4. Intermittent fever and malarial cachexia					1	1															8	6	1		15
4a. Malarial cachexia					2																8	3			11
5. Variola																				1	1				2
12. Cholera, Asiatic					4	3															42	17	4		63
14. Dysentery					3		1										1		1		15	11	6		34
15. Plague						1									1						5	2	1		8
18. Erysipelas																					1	2			3
19. Other epidemic affections					2	1															11	7	5		23
20. Purulent infection and septicæmia																					1	1			2
26. Tuberculosis of larynx						1															2	2			4
27. Tuberculosis of lungs					7	3											1				27	29	3		60
28. Tuberculosis of meninges																						1			1
29. Tuberculosis, abdominal																					2	1			3
31. Cold abscess, and abscess by congestion																						1			1
34. Generalized tuberculosis						2																2	1		3
35. Scrofula																						2			2
40. Cancer and other malignant tumors of the stomach and liver					1																1				1
47. Acute articular rheumatism						1															1	1	1		3
48. Chronic rheumatism and gout					2																4				4
49. Scurvy																						1			1
50. Diabetes					1																1				1
54. Anæmia chlorosis						1															1	2			3
55. Other general diseases																					1				1
56. Acute alcoholism, or chronic																			1						1
II. Diseases of the Nervous System and the Organs of Special Sense.																									
60. Encephalitis						1																1			1
61. Meningitis, simple						1															16	20			36
62. Progressive locomotor ataxia							1																1		1
64. Cerebral congestion and hemorrhage					4	1															6	2			8
67. General paralysis					2																2				2
68. Other forms of insanity																							1		1
69. Epilepsy																				1					1
70. Eclampsia (nonpuerperal)																					30	18			48
71. Convulsions of children																					126	91	3	1	221
72. Tetanus																					6	3			9
74. Other diseases of the nervous system																					6	5			11

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From fifty upward.								Unknown.								Total.				Grand total.
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
III. Diseases of the Circulatory System.																									
77. Pericarditis																					1				1
78. Acute endocarditis																			1		1				2
79. Organic disease of the heart					1												1				3		4		8
80. Angina pectoris																						3	1		4
81. Affections of the arteries (atheroma)					2																2				2
IV. Diseases of the Respiratory System.																									
90. Acute bronchitis																					17	15			32
91. Chronic bronchitis					1	2															10	12	1		23
92. Broncho-pneumonia					1																4	2			6
93. Pneumonia																					3	2			5
94. Pleurisy			1																1						1
95. Pulmonary congestion and apoplexy																					4				4
97. Asthma																						1			1
98. Pulmonary emphysema						1																1			1
V. Diseases of the Digestive System.																									
104. Other affections of the stomach (cancer excepted)					1																4	3			7
105. Diarrhea and enteritis (under 2 years)																	1				1	8	1	1	12
105a. Diarrhea and enteritis, chronic					1												1				37	38			76
106. Diarrhea and enteritis (2 years and over)																						2			2
107. Intestinal parasites																					3	1			4
110. Acute yellow atrophy of the liver					1																1	1	1		3
112. Cirrhosis of the liver																						1	2		3
113. Biliary calculi																					3				3
114. Other affections of the liver					1																1				1
116. Simple peritonitis (puerperal excepted)																					2				2
117. Other affections of the digestive system (cancer and tuberculosis excepted)																					1				1
118. Appendicitis and abscess of the iliac fossa																					2				2
VI. Diseases of the Genito-Urinary System and its Adnexa.																									
119. Acute nephritis																						1			1
120. Bright's disease						1															2	1	1		4
121. Other diseases o the kidneys and their adnexa																						1			1
128. Uterine hemorrhage (nonpuerperal)																						1			1
VII. The Puerperal State.																									
135. Puerperal hemorrhage																						1			1
137. Puerperal septicæmia																						4			4
138. Albuminuria and puerperal eclampsia																						2			2
X. Malformations.																									
145. Other diseases of the skin and its adnexa																						1			1
XI. Early Infancy.																									
151. Congenital debility, icterus, and sclerema																					9	7			16
152. Other special diseases of early infancy																					2	1			3
153. Lack of care																						1			1
XII. Old Age.																									
154. Senile debility					2	8	1														2	8	1		11
XIII. Affections Produced by External Causes.																									
166. Other accidental traumatisms																					1				1
167. Burns																					1	1			2
172. Accidental submersion																					2				2
173. Inanition																					1				1
175. Other acute poisonings									1								1								1
176. Other external violence																					2				2
XIV. Ill-Defined Diseases.																									
179. Unspecified or ill-defined causes of death													4								4	1			5
Total			1		41	30	3		1				4		1		4	2	5	2	454	354	39	2	
Grand total			1		71		3		1				4		1		6		7		808		41		862

Number of Deaths with Causes Occurring Among Transients in Manila During the Month of August. These Deaths Are Not Included in Preparing Death Rate of City.

			Americans.		Foreigners.		Filipinos.		Chinese.		Total.
			M.	F.	M.	F.	M.	F.	M.	F.	
	I. General Diseases.	**I. Enfermedades Generales.**									
1	Typhoid fever	Fiebre tifoidea					1		1		2
4	Intermittent fever	Fiebre intermitente							1		1
12	Cholera, Asiatic	Cólera asiático					4	2	1		7
14	Dysentery	Disenteria					2		2		4
15	Plague	Peste						1			1
19	Other epidemic affections (beri-beri)	Otras afecciones epidémicas (beri-beri)					2		4		6
20	Purulent infection and septicæmia	Infección purulenta y septicemia			1						1
27	Tuberculosis of lungs	Tuberculosis pulmonar					8		2		10
29	Tuberculosis, abdominal	Tuberculosis abdominal	1								1
33	Tuberculosis of other organs	Tuberculosis de otros órganos							1		1
34	Generalized tuberculosis	Tuberculosis generalizada					1				1
35	Scrofula	Escrófula							1		1
56	Acute alcoholism, or chronic	Alcoholismo, agudo y crónico			1						1
	II. Diseases of the Nervous System and the Organs of Special Sense.	**II. Enfermedades del Sistema Nervioso, y otros Organos de los Sentidos Especiales.**									
71	Convulsions of children	Convulsiones infantiles					2	1			3
	III. Diseases of the Circulatory System.	**III. Enfermedades del Sistema Circulatorio.**									
78	Acute endocarditis	Endocarditis aguda					1				1
79	Organic disease of the heart	Enfermedades orgánicas del corazón					1		3		4
	IV. Diseases of the Respiratory System.	**IV. Enfermedades del Aparato Respiratorio.**									
93	Pneumonia	Neumonia					2				2
	V. Diseases of Digestive System.	**V. Enfermedades del Aparato Digestivo.**									
117	Other affections of the digestive system, cancer and tuberculosis excepted	Otras afecciones del aparato digestivo exceptuando el cancer y la tuberculosis					1				1
	XIII. Affections Produced by External Causes.	**XIII. Afecciones Producidas por Causas Externas.**									
167	Burns	Quemadura, escaldo							1		1
	Total		1		2		25	4	17		49

Report of Deaths Occurring in Bilibid Prison During the Month of August, 1903.

	Presidio.				Carcel.				Total.	Condition.		Cemeteries.	
	Filipinos.		Chinese.		Filipinos.		Chinese.			Single.	Married.	Loma.	Chinese.
	M.	F.	M.	F.	M.	F.	M.	F.					
Cholera	6				3		1		10				
Dysentery	2								2				
Beri-beri	1								1	12	12	22	2
Tuberculosis of lungs	4				2				6				
Chronic endocarditis	1				1				2				
Pneumonia	2								2				
Chronic insterticia nephritis							1		1				
Total	16				6		2		24	12	12	22	2

Report of Sick and Wounded City Poor Attended by Municipal Physicians During the Month of August, 1903.

Physician.	Place.	Sex.				Nationality.								Total.	Cured.		Deaths.		Number of visits.
						Filipinos.		Chinese.		Foreigners.		Americans.							
		M.	F.	Boys.	Girls.	M.	F.	M.	F.	M.	F.	M.	F.		M.	F.	M.	F.	
R. Perramon	Walled City			10	10	15	20							55	11	15	4	5	155
	Concepcion			1	2	3	11							17	1	8	1	1	37
	San Miguel			1	1	7	4							13	3	1	3		28
C. Mora	Paco			8	18	14	15							55	2	6	9	12	122
	Ermita			3	1	3	2							9	2	1	2		17
	Malate			3	3	1	4							11	2	1		3	25
C. Reyes	Quiapo			5	1	3	7							16	5	6	3		77
	Santa Cruz			13	9	1	1	1						25	13	6		3	214
F. Castañeda	Sampaloc			18	18	35	26							97	23	14	4	5	226
V. Pantoja	Tondo			12	12	6	9							39	5	8	8	13	116
V. Cavanna	San Nicolas			10	9	3	5							27	7	7	2	2	137
Total				84	84	91	104	1						364	74	73	36	44	1,154

Dr. Proceso Gabriel in charge of districts of Sampaloc and San Miguel from August 12.

Monthly Report of San Lazaro Hospital Women's Leper Departments, for August, 1903.

	Leper department.							Women's department.				
	Europeans.		Filipinos.		Chinese.		Total.	Americans.	Europeans.	Filipinos.	Japanese.	Total.
	M.	F.	M.	F.	M.	F.						
Number of patients in hospital at last report	0	1	115	85	0	0	201	1	2	59	40	102
Number of patients received during the month	0	0	3	1	0	0	4	0	3	31	31	65
Number of patients discharged	0	0	2	0	0	0	2	0	4	47	42	93
Number of deaths	0	0	1	0	0	0	1	0	0	0	0	0
Number of patients remaining in hospital	0	1	115	86	0	0	202	1	1	43	29	74

3 Filipinos admitted and 1 born in hospital.
1 Filipino transferred to Bilibid Prison: diagnosis not leprosy.
1 Filipino born in hospital, and being free from leprosy was turned over to relatives.
1 Filipino died: diagnosis, beri-beri.

44 Filipinos discharged cured and 3 transferred to the police station for confinement.
3 Europeans discharged cured and 1 uncured to leave the Islands.
40 Japanese discharged cured and 2 uncured to leave the Islands.

General Inspection of Houses, Premises, Vaults, etc., with Improvements Ordered, Disinfected, Whitewashed, Cleaned, etc., by Medical Inspectors, Chief Sanitary Inspectors, and Sanitary Inspectors, for the Month of August, 1903.

1.	Houses inspected by the Chief Sanitary Inspector	26.	Number of cholera cases reported by sanitary inspectors 38
2.	Houses reinspected for verification of work ordered 486	27.	Number of cholera cases reported by Auxiliary Advisory Board 0
3.	Houses inspected by sanitary inspectors 37,600	28.	Number of cholera cases found "alive" 36
4.	Houses reinspected by sanitary inspectors 7,907	29.	Number of cholera cases found "dead" 47
5.	Houses ordered cleaned (written) 2	30.	Number of orders issued during the month 153
6.	Houses ordered cleaned (verbal) 8,093	31.	Number of orders complied with during the month 334
7.	Houses cleaned 6,974	32.	Number of orders awaiting action 306
8.	Houses ordered whitewashed and painted 44	33.	Number of orders pending in court 17
19.	Houses whitewashed and painted 62	34.	Number of food tiendas in districts 1,139
10.	Houses disinfected 157	35.	Number of persons convicted for violation of food-prohibition order 1
11.	Number of houses recommended condemned and removed 2	36.	Average in visiting each street and barrio during month 2.2
12.	Number of houses condemned and removed 0	37.	Number of regular inspectors on duty 38
13.	Number of localities where "squatters" are located 20	38.	Number of emergency inspectors on duty 0
14.	Number of samples of water from wells sent to Laboratory 4	39.	Number of leper cases sent to San Lazaro Hospital 2
15.	Number of reports from same 4	40.	Number of plague cases reported 12
16.	Number of fire plugs opened or closed for sanitary purposes 0	41.	Number of smallpox cases reported 5
17.	Number of hydrants recommended reopened 0	42.	Houses in which traps are set 12,453
18.	Number of houses where garbage has not been removed for two days 49	43.	Houses in which bane is placed 3,124
19.	Number of persons reported sick to municipal physicians 122	44.	Traps set 29,497
20.	Cesspools and vaults ordered cleaned 203	45.	Plates with rat bane placed 17,038
21.	Cesspools cleaned 138	46.	Rats caught by rat catchers 9,079
22.	Yards ordered cleaned 2,387	47.	Rats caught by traps 6,926
23.	Yards cleaned 1,935	48.	Rats caught by poison 136
24.	Yards ordered repaired (repaved, etc.) 31	49.	Rats purchased 56
25.	Yards repaired 75	50.	Rat catchers employed 66

Station A.—Health District No. 1.

Monthly Sanitary Report, Harbor and River, August, 1903.

Ships inspected	294	Cholera cases found on ships and other craft	4
Launches inspected	192	Cholera cases found "alive"	3
Lorchas inspected	305	Cholera cases found "dead"	1
Cascos inspected	1,051	Bubonic plague cases reported	0
Fumigated	13	Smallpox cases reported	1
Trips made by the Board of Health launch to the bay	35	Dead bodies found in river and harbor	1
Trips made by the Board of Health launch up the river	33		

* Births Reported in August.

	Male.	Female.	Total.
Americans	3	1	4
Filipinos	230	187	417
Spanish	1	6	7
Other European			
Chinese		1	1
All other			
Total	234	195	429

* Incomplete.

Annual Birth Rate per Thousand for the Month.

Americans	10.74
Filipinos	25.88
Spanish	73.83
Other European	0
Chinese	0.55
All other	0
Average	22.97

Report of Prescriptions Filled at the Municipal Dispensary, Showing Districts, Sex, and Age of Persons to Whom Medicines Have Been Given During the Month.

District.	Americans.				Foreigners.				Filipinos.				Chinese.				Total.
	Adult.		Children.		Adult.		Children.		Adult.		Children.		Adult.		Children.		
	M.	F.	Boy.	Girl.	M.	F.	Boy.	Girl.	M.	F.	Boy.	Girl.	M.	F.	Boy.	Girl.	
Walled City									24	17	10	6					57
Concepcion									2	21		2					25
San Miguel									13	13	1						27
Ermita									6	6		2					14
Malate									4	3		5					12
Paco									15	35	5	16					71
Santa Ana																	
Sampaloc									103	52	45	28					228
Pandacan																	
Quiapo									35	7	7						49
Santa Cruz									45	24	3	3					75
Binondo									1	1							2
San Nicolas									13	34		3					50
Tondo									13	20	1	7					41
Total									274	233	72	72					651

Burials, August, 1903.

Cemeteries.	Number.
Loma (Government)	568
Paco (General Government)	22
Santa Cruz	5
Balic-Balic	115
Binondo	23
Tondo	0
Maytubig	45
Malate	33
Pandacan	24
Chinese	64
Crematory	3
Santa Ana	16
American National Cemetery	3
San Pedro Macati	2
Embalmed	2
Total	925

14 of the above were stillbirths and 49 transient residents.

Disinterments, August, 1903.

Paco Cemetery	8
Loma	1
Pandacan	0
Santa Cruz	5
Chinese Cemetery (for removal to China)	21
Malate	0
Total	35

Monthly Report of Crematories.

Disposition.	August, 1903.			
	Paco.	Santa Cruz.	Palomar.	Total.
Animals cremated:				
Horses, American	3			3
Horses, Australian	3			3
Horses, Filipino	107	5	2	114
Horses, Chinese	3			3
Carabaos	91			91
Mules, Australian	6			6
Cats	2	29	94	125
Cows	48	1		49
Calves	26		2	28
Chickens	9			9
Ducks		5	53	58
Monkeys	1	1	2	4
Pigs	3	32	1,426	1,461
Rats		4,879	2,956	7,835
Fowls		180	664	844
Dogs	3	16	173	192
Birds	1	127	148	276
Snake		1		1
Sheep	4	1		5
Turkey		4		4
Goats			2	2
Total	310	5,281	5,522	11,113
Loads cremated:				
House garbage	1,505	802	2,211	4,518
Slop	406	137	110	653
Preserves		9		9
Potatoes		1		1
Trade refuse		124	229	353
Organic matter		137	235	372
Beach refuse		1		1
Market			29	29
Total	5,911	1,211	2,814	5,936

Report of Operations of the Pail Conservancy System for the Month of August, 1903.

	New installations made during month of August.		Total installations made prior to August 31, 1903.		Pails removed and cleaned during August.
	Installations.	Seats.	Installations.	Seats.	
Private houses	2	2	650	927	24,736
Public buildings	0	0	37	150	3,100
Public closets	0	0	11	170	10,808
Temporary collecting stations	0	0			3,587
Total	2	2	698	1,247	42,231

Pails repaired	250
Commodes repaired	42
Pails worn out in service	0
Commodes worn out in service	0
Number of inspections made of closets	0
Number of repairs ordered to closets	0
Number of people habitually resorting to public closets daily	20,000

Report of Operations of the Pail Conservancy System for the Month of August, 1903—Continued.

Number of vaults, cesspools, etc., cleaned by public excavators		12
Number of gallons of contents removed from vaults, cesspools, etc.		34,500
Cost of collecting and cleaning pails for the month of August		P. 4,241.60
Cost per pail daily for collecting and cleaning pails		.10+
Funds collected for installation of pails in private houses during month of August	P. 33.91 Philippines currency.	$65.00 Mexican currency.
Funds collected for cleaning pails in private houses during month of August	248.00 Philippines currency.	1,730.99 Mexican currency.

Operation of Veterinary Division.

On arrival in city:

Number of cattle inspected	4,122
Number of horses inspected	164
Number of carabaos inspected	273
Number of hogs inspected	3,503
Number of sheep inspected	216
Number of goats inspected	43
Number of other animals inspected	8
Total	8,329

In Government slaughterhouse:

Number of cattle slaughtered	2,605
Number of hogs slaughtered	5,757
Number of sheep slaughtered	127
Number of goats slaughtered	10
Total	8,499
Number of cattle condemned and cremated	10
Number of hogs condemned and cremated	24
Number of horses condemned for glanders	16
Number of other animals condemned	4
Total	54

Reports Received of Lepers Living in the Various Provinces of the Philippine Islands, to August 31, 1903.

Province.	Race.	Number of men.	Number of women.	Children. M.	Children. F.	Single. M.	Single. F.	Married. M.	Married. F.	Widower.	Widow.	Total.
Antique	Filipinos	92	37	2	2	38	28	42	4	12	5	133
Batangas	do	19	5			12	3	3	3	3		24
Bataan	do	10	4	1	1	5		3	2	2	2	16
Benguet	Igorrotes	31	10	1	1	1		21	10	9		43
Ambos Camarines	Filipinos	33	17	1	1	24	12	8	5	1		52
Bulacan	do	17	9	2	1	12	6	5	3			29
Ilocos Norte	do	45	28	5	2	9	10	31	8	5	10	80
Ilocos Sur	do	176	84	4	2	101	50	66	17	14	12	266
Leyte	do	49	38	1	3	26	27	20	7	3	4	91
Masbate	do	51	35	25	10	22	15	23	19	2	5	121
Cagayan	do	46	30		3	20	10	20	19	6	1	79
Lepanto	do	14	4	1		5	1	8		1	3	19
Cavite	do	17	5		3	16	3	1			2	25
Nueva Ecija	do	44	24			19	12	22	8	2	5	68
Negros Occidental	do	26	11	5	1	17	10	8	1	1		43
Pampanga	do	8	5	2		3	1	5	3	1		15
Pangasinan	do	120	80	2	3	36	28	65	38	19	14	205
Rizal	do	41	24	2		19	12	21	7	3	3	67
Marinduque	do	1	1	1			1	1				3
Laguna	do	1						1				1
*San Lazaro	do	94	78	21	9	63	43	24	18	7	17	202
Tarlac	do	27	24	11	4	7	9	17	11	2	5	66
Sorsogon	do	75	33	1	1	33	17	40	10	3	5	110
Romblon	do	5	10			3	6	2	3	1		15
Samar	do	39	32	13	8	17	9	21	18	3	3	92
Union	do	43	28	3		15	14	24	12	4	2	74
Zambales	do	58	35	2		30	15	26	13	4	5	95
Mindanao	Moros	140	74	3	3	84	46	45	18	9	12	220
Cebú	Filipinos	171	89	5	4	136	64	33	21	3	3	269
Iloilo	do	231	66	11	2	113	37	94	9	24	20	310
Negros Oriental	do	66	42	6	2	27	23	32	14	7	5	116
Isabela de Luzon	do	18	4	1		3	1	10	3	5		23
Tayabas	do	1								1		1
Albay	do	68	33	1	1	30	18	27	10	11	5	103
Nueva Vizcaya	do	13	12	2		7	3	4	6	2	3	27
Abra	do	11	6			5	4	5	2	1		17
Bohol	do	46	46	5	1	20	19	27	17	3	6	98
Capiz	do	44	33	19	9	26	24	13	12	1	1	105
Total		1,991	1,096	159	77	1,004	581	818	351	175	158	3,823

*European female.

Tabulated Statement of Amount of Vaccine Virus Distributed by the Board of Health During the Month of August, 1903.

	Units.
United States Army	3,940
United States Navy	500
United States Public Health and Marine-Hospital Service	100
Philippine Civil Hospital	100
Philippines Constabulary	100
Inhabitants of the Philippines (Manila not included)	22,115
Sold to the public	75
Used by the public vaccinator	16,000
Total	42,930

Report on Vaccination, City of Manila, During the Month of August, 1903.

	Children.			Adults.			Total.			
	Filipinos.	Chinese.	Americans and foreigners.	Filipinos.	Chinese.	Americans and foreigners.	Filipinos.	Chinese.	Americans and foreigners.	Grand total.
Walled City	543		13	623		6	1,166		19	1,185
Binondo	28	8		84	428		112	436		548
San Nicolas	83	9		106	454		189	463		652
Tondo	642			369	78		1,011	78		1,089
Santa Cruz	166	2		169	237	10	335	239	10	584
Quiapo	306			323	1	2	629	1	2	632
San Miguel	167			354	42	23	521	42	23	586
Sampaloc	211			353		6	564		6	570
Paco	510			1,411	2		1,921	2		1,923
Ermita	367			324		2	691		2	693
Malate	120			220			340			340
Total	3,143	19	13	4,336	1,242	49	7,479	1,261	62	8,802

Monthly Report of Smallpox for Manila from August 1 to August 31, 1903.

	Cases.					Deaths.				
	Adult.		Children.		Total.	Adult.		Children.		Total.
	Male.	Female.	Boy.	Girl.		Male.	Female.	Boy.	Girl.	
Americanos	2				2					
Filipinos	1				1	1				1
Foreigners	1			1	2				1	1
Total	4			1	5	1			1	2

Daily Report of Bubonic Plague for Manila from August 1 to August 31, 1903.

Date.	Cases.									Deaths.				
	San Nicolas.		Santa Cruz.				Sampaloc.		Total.					Total.
	Filipinos.		Filipinos.		Chinese.		Filipinos.			Filipinos.		Chinese.		
	M.	F.	M.	F.	M.	F.	M.	F.		M.	F.	M.	F.	
August 1	1		1						2	2				2
August 2 to 7		1							1		1			1
August 8 to 10	1								1	1				1
August 11 to 14		1			1				2			1		1
August 15									0		1			1
August 16 to 19		1							1		1			1
August 20	1								1					
August 21 to 24			1						1	1				1
August 25 to 30			1						1	1				
August 31							1		1					1
Total	3	3	3		1		1		11	5	3	1		9

Epidemics of Cholera in the City of Manila and Provinces from March 20, 1902, to September 1, 1903.

Month.	Manila.		Provinces.		Month.	Manila.		Provinces.	
	Cases.	Deaths.	Cases.	Deaths.		Cases.	Deaths.	Cases.	Deaths.
1902.					1903.				
March	108	90			January	7	4	4,921	2,757
April	586	406	1,927	1,417	February	2	1	2,997	2,009
May	550	442	2,407	1,631	March	6	6	1,903	1,124
June	601	492	5,204	4,097	April	33	27	1,772	1,147
July	1,368	1,053	7,757	5,807	May	230	212	1,402	885
August	720	581	11,247	7,874	June	39	38	3,554	2,945
September	273	179	43,346	27,410	July	42	38	4,167	2,806
October	87	57	30,837	18,572	August	89	72	10,212	7,406
November	336	236	12,353	6,681					
December	35	24	5,918	3,583	Total	5,112	3,958	151,924	98,151

Daily Report of Cholera for Manila from August 1 to August 31, 1903.

CASES.

Date.	San Nicolas.				Tondo.				Quiapo.				Santa Cruz.				Sampaloc.				Intramuros				Paco, Ermita and Malate.				Bilibid Prision.				Total
	Americans.		Filipinos.		Filipinos.		Chinese.		Filipinos.				Filipinos.		Chinese.		Filipinos.				Filipinos.				Americans.		Filipinos.		Filipinos.		Chinese.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
August 1													2						1														3
August 2			*1																														1
August 3													1														1						2
August 4													1	1													1						3
August 5																																	
August 6					1								1																				2
August 7																									1								1
August 8														2																			2
August 9																									1								1
August 10													1	1															4				6
August 11											1																		2				3
August 12																															1		1
August 13																													1				1
August 14																																	
August 15					1		2							1	1																		5
August 16																	1										1						2
August 17			3		2								1					1					1						2				10
August 18					1		1																										2
August 19					1		1					1		1																			4
August 20	1							1					1														1						4
August 21																																	
August 22			2	1					1				1																				5
August 23			3							1			1								1												6
August 24									1									1															2
August 25						2			1								1				1												5
August 26			1							1																							2
August 27																		2															2
August 28					1								1				1																3
August 29									2				1				1																4
August 30			1		1								1														1						4
August 31			1	1									1																				3
Total	1		12	2	8	6	1		6	2	1		14	6	1		4	4	3		2	1	5	2	7		1						89

Date.	Deaths.										
	Americans.		Foreigners		Filipinos.			Chinese.			Total
	M.	F.	M.	F.	M.	F.		M.	F.		
August 1											
August 2								1			1
August 3											
August 4					3	1					4
August 5											
August 6											
August 7					1	1					2
August 8						1					1
August 9						1					1
August 10					5						5
August 11					3			1			4
August 12											
August 13								1			1
August 14					1			1			2
August 15					1	2					3
August 16					1						1
August 17					6	3					9
August 18					2						2
August 19					2	2					4
August 20								1			1
August 21						1					1
August 22					3	1					4
August 23						1					1
August 24					4	2					6
August 25					3						3
August 26						1					1
August 27						2					2
August 28					5						5
August 29					2						2
August 30					3			1			3
August 31					1						1
Total					46	19		5			70

Cholera Reported from Provinces in the Philippine Islands from August 1 to August 31, 1903.

Province.	Cases.	Deaths.	Per cent.	Province.	Cases.	Deaths.	Per cent.
Bataan	1,026	758	73	Leyte	284	235	82
Bulacan	1,263	863	68	Negros Occidental	63	44	69
Pampanga	885	624	70	Sorsogon	2	2	100
Rizal	848	496	58	Union	2,704	2,124	78
Camarines	[illegible]	693	74	Albay	2	2	100
Cavite	803	576	71	Mindoro	254	233	91
Ilocos Norte	1,410	[illegible]	69	Marinduque	222	151	68
Ilocos Sur	1,060	701	[illegible]	Benguet	1	1	100
Laguna	2,519	2,096	83	[illegible]	792	477	60
Tarlac	260	198	[illegible]	Antique	17	10	58
Pangasinan	4,276	[illegible]	70	Masbate	3	1	33
Batangas	3,049	2,430	79	Misamis	6	6	100
Samar	[illegible]	17	70	Bohol	408	275	67
Tayabas	140	102	72	Iloilo	131	72	54
Zambales	424	291	68	Cagayan	27	22	81
Nueva Ecija	906	749	82	Not stated	3,800	2,574	67
				Total	28,542	[illegible]	72

Report of Action on Licenses taken under the Board of Health during the month of August, 1903.

Business for the conduct of which license is desired.	License applications approved.	License applications disapproved.	Total applications acted on.	Applications awaiting action.	Business for the conduct of which license is desired.	License applications approved.	License applications disapproved.	Total applications acted on.	Applications awaiting action.
Bakery	2	2	4	0	Oil, lumbang, make and sell	1	0	1	0
Blacking and polish, make and sell	1	0	1	0	Restaurant	2	0	2	1
Chocolate, make and sell	3	1	4	0	Sausages, make and sell	1	0	1	0
Cigars and cigarettes, to sell	1	1	2	0	Slippers, make and sell	1	1	2	0
Establishment, undertakers	1	0	1	0	Store, drug (Chinese)	4	0	4	0
Factory, soap	6	0	6	0	Store, drug (native)	9	0	9	1
Ice, make and sell	1	0	1	0	Store, grocery	4	3	7	0
Laundry	7	1	8	0	Store, to sell native wine	5	1	6	0
License, distiller	1	0	1	0	Sweetmeats, make and sell	6	1	7	0
License, first-class liquor with restaurant	1	0	1	1	Vermicelli, make and sell	1	2	3	0
License, second-class liquor, with restaurant	1	1	2	1	Waters, aerated, make and sell	2	0	2	0
					Total	61	14	75	4

Meteorological Data Deduced from Hourly Observations.

Date.	Barometer.[1] Mean.		Temperature. Mean.		Temperature. Maximum.		Temperature. Minimum.		Relative humidity, mean.	Wind. Prevailing direction.	Wind. Total daily motion.		Wind. Maximum. Force.		Wind. Maximum. Direction.	Sunshine.	Rainfall.	
	Inches.	*mm.*	°*C.*	°*F.*	°*C.*	°*F.*	°*C.*	°*F.*	*Per ct.*		*Km.*	*Miles.*	*Km.*	*Miles.*		*h. m.*	*Inch.*	*mm.*
1	29.798	756.85	28.6	83.5	31.6	88.8	24.4	76.0	78.5	SW.	366	227	30	19	WSW.	3-30	0.079	2.0
2	29.802	56.96	28.9	84.0	31.4	88.6	23.8	74.8	76.4	WSW.	418	260	36	22	WSW.	7-50		
3	29.780	56.40	28.6	83.5	31.1	88.0	24.6	76.3	78.9	WSW.	308	191	33	21	WSW.	5-45	.098	2.5
4	29.818	57.37	27.3	81.1	30.7	87.2	23.1	73.6	82.5	WSW.	340	211	38	24	WSW.	3-55	.433	11.0
5	29.819	57.41	27.4	81.3	29.3	84.8	23.2	73.7	85.5	WSW.	484	301	36	22	WSW.	0-05	.622	15.8
6	29.854	58.29	28.5	83.3	30.7	87.2	23.6	74.5	80.8	WSW.	332	206	30	19	W. by S.	1-50		
7	29.900	59.45	28.1	82.6	32.0	89.6	23.1	73.6	81.6	SSE.	74	46	8	5	SE.	0-05		
8	29.908	59.64	28.6	83.5	32.4	90.4	22.7	72.9	79.6	WNW.	94	58	14	9	WNW.	7-00		
9	29.906	59.61	27.6	81.7	33.9	93.0	23.0	73.4	80.2	Variable.	134	83	16	10	ESE.	8-40	.484	12.3
10	29.914	59.80	27.6	81.7	33.2	91.8	21.7	71.1	74.0	W.-SSW.	134	83	18	11	ENE.	10-00		
11	29.877	58.85	28.6	83.5	32.8	91.0	23.2	73.7	74.3	W.	143	89	12	7	W.	10-15		
12	29.842	57.97	29.7	85.5	33.7	92.6	24.2	75.6	74.3	W.	182	113	21	13	W.	10-45		
13	29.821	57.44	29.1	84.4	32.7	90.9	24.4	76.0	78.0	WSW.	186	116	18	11	WSW.	10-05		
14	29.834	57.79	28.5	83.3	32.9	91.2	22.9	72.9	77.6	WSW.	175	109	22	14	WSW.	8-45		
15	29.844	58.02	29.3	84.7	32.9	91.3	23.3	73.9	73.2	WNW.-WSW.	214	133	20	12	WSW.	10-40		
16	29.841	57.96	28.5	83.3	33.1	91.6	23.8	74.9	72.1	Variable.	194	121	16	10	NNW.	9-20		
17	29.821	57.44	28.3	82.9	32.9	91.2	22.7	72.9	74.4	WNW.-WSW.	145	90	16	10	WNW.	10-30		
18	29.843	58.01	29.1	84.4	33.2	91.7	22.7	72.8	73.5	WSW.	136	85	13	8	WSW.	8-50		
19	29.862	58.48	28.7	83.7	34.0	93.2	24.0	75.2	77.6	W.	115	71	15	9	W.	6-05	.268	6.8
20	29.862	58.47	28.2	82.8	34.3	93.7	23.1	73.5	80.0	Variable.	92	57	14	9	NNE.	4-25		
21	29.872	58.73	27.8	82.0	33.6	92.4	22.6	72.6	77.9	Variable.	136	85	21	13	NNE.	7-25	.028	0.7
22	29.874	58.78	27.4	81.3	32.8	91.1	21.9	71.4	79.2	W.	247	153	25	16	SW. by W.	8-00	.433	11.0
23	29.861	58.46	28.0	82.4	31.4	88.5	22.2	71.9	80.8	WSW.	332	206	24	15	WSW.	7-00		
24	29.842	57.98	27.8	82.0	30.5	86.9	23.8	74.8	82.6	SSW.-WSW.	250	155	26	16	SW.	2-55	.130	3.3
25	29.833	57.75	26.7	80.1	30.9	87.6	23.6	74.5	87.3	Variable.	156	97	18	11	NE. by E.	4-20	.177	4.5
26	29.833	57.74	26.5	79.7	31.1	88.0	22.0	71.6	85.4	Variable.	150	93	12	7	W.	5-55	2.512	63.8
27	29.831	57.71	25.9	78.6	28.5	83.3	22.4	72.4	87.4	WSW.	434	270	56	35	W.	0-25	.677	17.2
28	29.815	57.30	25.4	77.7	28.2	82.8	22.4	72.3	88.5	SE.	252	157	26	16	W.	0-00	.980	24.9
29	29.811	57.17	27.1	80.8	30.3	86.6	22.8	73.1	83.2	SE.	142	88	13	8	WSW.	1-10		
30	29.822	57.47	28.4	83.1	34.2	93.6	23.5	74.3	80.0	SSE.	172	107	16	10	SSE.	6-10		
31	29.856	58.33	27.7	81.9	31.4	88.6	23.2	73.7	81.5	Variable.	132	82	16	10	W. by S.	7-10	.201	5.1
Mean	29.845	758.05	28.0	82.4	32.0	89.6	23.2	73.7	79.6		215.1	133.6	21.9	13.6		6-05		
Total											666.9	414.3				188-50	7.122	180.9

[1] Corrected for instrumental error and for temperature and reduced to sea level. Correction to standard gravity, —1.72mm (—0.068 inch).

GENERAL LIBRARY,
UNIV. OF MICH.
FEB 29 1904

MONTHLY REPORT

OF THE

Board of Health for the Philippine Islands

AND

CITY OF MANILA,

SEPTEMBER, 1903.

TO THE HON. DEAN C. WORCESTER, SECRETARY OF THE INTERIOR.

E. C. CARTER, M. D., U. S. Army,
Commissioner of Public Health.

Capt. E. L. MUNSON, A. M., M. D., U. S. Army,
Assistant to Commissioner of Public Health.

H. D. OSGOOD, B. S.,
Sanitary Engineer.

T. R. MARSHALL, M. D.,
Chief Health Inspector.

P. C. FREER, M. D., Ph. D.,
Superintendent of Government Laboratories.

MANUEL GOMEZ MARTINEZ, M. D.,
Secretary Board of Health.

MANILA:
BUREAU OF PUBLIC PRINTING.
1903.

10669

LETTER OF TRANSMITTAL.

DEPARTMENT OF THE INTERIOR,
BOARD OF HEALTH FOR THE PHILIPPINES,
OFFICE OF THE COMMISSIONER,
Manila, P. I., October 29, 1903.

SIR: I have the honor to transmit the following report of the operations of the Board of Health for the month of September, 1903:

The diseases causing the greatest mortality, with the number of deaths from each during the month, among the resident population of Manila, were as follows: Convulsions of children and eclampsia, 394; Asiatic cholera, 232; pulmonary tuberculosis, 71; diarrhea and enteritis, 68; meningitis, 43; acute bronchitis, 42; dysentery, 39; chronic bronchitis, 38; beri-beri, 35; malarial fevers, 23; congenital debility, 21; typhoid fever, 15. There were but 3 deaths from plague and none from smallpox.

There were 290 cases of cholera, with 263 deaths, among both residents and transients in the city during the month, and the cause of this sudden rise well illustrates the many difficulties in the way of controlling a population not as yet generally brought to a realization of the importance of sanitary measures. The waters of the Pasig River and certain esteros were recognized as infected with cholera, and the cases previously occurring were largely among those who, in spite of warnings, persisted in using these waters for drinking, cooking, and domestic purposes. In the first seven days of September there were 13 cases of cholera, or an average of slightly less than 2 cases daily. On September 7, however, a spring of relatively fresh water was discovered discharging into the salt waters of the bay on the Tondo beach, below low-tide level and situated but a few yards below the point of discharge of a large sewer. This appearance of fresh water among the salt was at once made much of by the superstitious and credulous. Various stories were told with regard to the discovery of the spring. Perhaps the one most widely believed was that a sacred image was seen floating in the water where the spring was bubbling up, and on the attempt being made to pick it up, the image rose into the air and disappeared. It was widely reported among the lower classes that a miracle had occurred and that the spring waters were possessed of great curative powers, and as a consequence hundreds came to drink the waters and carry them home to their friends. The health authorities early appreciated the dangerous possibilities of the situation, but because of the strong quasi-religious aspect of the matter and pending examination into the character of the water, it was not practicable to close the spring immediately. The spring was, however, placed under quarantine on September 13, there having occurred 120 cases of cholera in seven days. Analysis of the water showed it to have all the character of sewage, it apparently being derived from a break in the sewer discharging in the vicinity of the spring. In a very large proportion of the cases investigated, the persons attacked had drunk the water at the spring or had it brought to them by well-meaning friends for its supposed curative properties. Even after the spring was closed its evil effects were manifest for some time, as the cholera infection had been widely disseminated through the various districts of the city previously free from the disease. During the week following the closing of the spring the number of cases developing were reduced to 79, the next week to 64, and after that there was a steady return to normal. Not less than 225 cases of cholera directly occurred as the result of the discovery of this spring and the credulity and superstition of the lower classes. The better class of Filipinos largely escaped during this outbreak, and of the four Americans attacked three were known to have tempted infection by partaking of food and drink in an unsanitary native shop during the height of the outbreak. One difficulty in combating the cholera infection in this outbreak was found in the concealment of the cases in many instances, as shown by the fact that only 129 of the total cases were reported while alive, while 161 were dead when found.

A matter giving much concern to the health authorities was the appearance of a number of cases of bubonic plague in the city of Cebu, among the persons who had not been outside that municipality for some time and had

apparently contracted the disease from a local infection. Investigation showed that one or two cases had occurred yearly since the infection was known to have been introduced in 1900. In all, 13 cases were reported in the city of Cebu during the month, of which 6 occurred in one day, and of these 4 occurred in the same house. The infection appears to be confined to a very restricted district; from which the measures planned should ultimately be able to eradicate it. Every precaution is being taken to prevent the infection being transported to any other ports in the Archipelago.

Improved methods of reporting the birth rate in Manila are yielding excellent results, and the annual rate for September, 27.62, is far higher than the rate for any month previously reported. The birth rate of 16.64 reported among the Americans reflects the settled conditions and security under which this class is establishing homes in the Islands.

During the month there were 1,281 persons treated by municipal physicians, and 710 prescriptions filled at the Municipal Dispensary. The free medical attendance provided for the poor is gradually becoming more appreciated by the classes it is desired to reach; though of the total of 1,286 deaths reported during the month, 706 occurred without medical attendance. To facilitate this free medical work and render it more available, authority was granted during the month for the establishment of two new free dispensaries, one of which has been located in the Tondo district and one in the district of Paco.

With respect to sanitary legislation, the Board of Health forwarded during the month, to the Commission, the draft of a proposed Act for the prevention of cruelty to animals being imported into the Philippine Islands or undergoing transportation between points therein. The draft of an ordinance to prevent pollution of the esteros within the city of Manila was also forwarded to the Municipal Board for its enactment as a city ordinance. Sanitary regulations relative to the burial of the dead and the transportation of dead animals, of a more satisfactory nature than those previously existing, were also drafted and forwarded to the Municipal Board.

Very respectfully,

E. L. MUNSON,
Captain and Assistant Surgeon, United States Army,
Acting Commissioner of Public Health.

The ACTING SECRETARY OF THE INTERIOR,
Manila, P. I.

Population of Manila.

Americans	4,389
Filipinos	189,782
Spanish	2,528
Other Europeans	1,117
Chinese	21,230
All others	895
Total	219,941

Deaths Occurring During the Month of September.

Americans	3
Filipinos	1,172
Spanish	1
Other Europeans	2
Chinese	50
All others	0
Total	1,228

Annual Death Rate per Thousand for the Month.

Americans	8.32
Filipinos	75.18
Spanish	4.81
Other Europeans	21.80
Chinese	28.67
All others	------
Average	67.97

A Classified Report of all Deaths Occurring in Manila During the Month of September, 1903.

Males.

Married	137
Widowers	25
Single	109
Boys	399
Condition not stated in certificate	60
Total	730

Females.

Married	123
Widows	47
Single	44
Girls	326
Condition not stated in certificate	16
Total	556
Grand total	1,286

26 of above were stillbirths.

Deaths by Age, including transients.

Under 30 days	113
30 days to 1 year	414
1 year to 2 years	72
2 years to 5 years	86
5 years to 10 years	36
10 years to 15 years	20
15 years to 20 years	34
20 years to 25 years	72
25 years to 30 years	90
30 years to 40 years	136
40 years to 50 years	69
50 years to 60 years	56
60 years to 70 years	48
70 years to 80 years	12
80 years to 90 years	12
90 years to 100 years	5
Over 100 years	2
Unknown	9
Total	1,286

Deaths by Districts, including transients.

Walled City	45
Binondo	70
San Nicolas	114
Tondo	386
Santa Cruz	175
Quiapo	58
Sampaloc	117
San Miguel	46
Paco	83
Ermita	27
Malate	54
Pandacan	24
Santa Ana	20
Transient residents	58
Unknown	9
Total	1,286

26 of above were stillbirths.

Number of deaths with medical attendance including transients	580
Number of deaths without medical attendance including transients	706
Total	1,286

Of the grand total of 1286 deaths 58 were those of transients, while 1228 were permanent residents of Manila and 26 were stillbirths.

Comparative Mortality from January 1, 1900, to September 30, 1903.

Month.	1900.		1901.		1902.		1903.	
	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.
January	[1] 1,055	50.79	[1] 753	36.25	[1] 760	36.58	[1] 602	28.89
February	[1] 884	47.11	[1] 689	36.72	[1] 706	37.63	[1] 511	27.23
March	[1] 887	42.70	[1] 885	42.66	[1] 770	37.06	[1] 539	25.94
April	[1] 805	40.04	[1] 886	44.07	[1] 1,327	66.01	[1] 549	27.31
May	[1] 732	35.24	[1] 903	43.47	[1] 1,688	81.26	[1] 770	37.06
June	[1] 599	29.79	[1] 621	30.89	[1] 1,418	70.54	[1] 592	29.45
July	[1] 787	37.88	[1] 608	29.27	[1] 2,223	107.02	[2] 620	33.21
August	[1] 825	39.71	[1] 702	33.79	[1] 1,712	82.42	[2] 862	46.17
September	[1] 1,027	50.01	[1] 767	38.15	[1] 1,132	56.31	[2] 1,228	67.97
October	[1] 961	46.23	[1] 855	41.16	[1] 927	44.62	------	------
November	[1] 976	48.48	[1] 848	42.18	[1] 1,035	51.48	------	------
December	[1] 905	43.54	[1] 858	41.30	[1] 753	36.25	------	------

[1] Death rate computed on population of 244,732 (Health Department's census).
[2] Death rate computed on population of 219,941 (census 1903).

CAUSES OF DEATHS FOR THE MONTH OF SEPTEMBER, 1903.

(STILLBIRTHS NOT INCLUDED.)

	NOMENCLATURE DESIGNED FOR THE STATISTICS OF DEATH.	NOMENCLATURA PARA LAS ESTADÍSTICAS DE DEFUNCIONES.	Americans.		Europeans.		Filipinos.		Chinese.		Total.
			M.	F.	M.	F.	M.	F.	M.	F.	
	I. General Diseases.	**I. Enfermedades Generales.**									
1	Typhoid fever (abdominal typhus)	Fiebre tifoidea					7	8			15
2	Exanthematic typhus	Tifus exantemático									
3	Recurrent fever	Fiebre recurrente									
4	Intermittent fever, and malarial cachexia	Fiebre intermitente					8	5	4		17
4a	Malarial cachexia	Caquexia palúdica					5	1			6
5	Variola	Viruelas									
6	Measles	Sarampión									
7	Scarlatina	Escarlatina									
8	Whooping cough	Tos ferina					1				1
9	Diphtheria and croup	Difteria y crup						1			1
9a	Diphtheria	Difteria									
10	Grippe	Gripe					1				1
11	Miliary fever	Fiebre miliar									
12	Asiatic cholera	Cólera asiático	1		2		127	93	8	1	232
13	Cholera, nostras	Cólera nostras									
14	Dysentery	Disentería					19	14	6		39
14a	Epidemic dysentery	Disentería epidémica									
15	Plague	Peste					2		1		3
16	Yellow fever	Fiebre amarilla									
17	Leprosy	Lepra						2			2
18	Erysipelas	Erisipelas						1			1
19	Other epidemic affections (beri-beri)	Otras afecciones epidémicas (beri-beri)					19	13	3		35
20	Purulent infection and septicemia	Infección purulenta y septicemia									
21	Glanders and farcy	Muermo y lamparones									
22	Malignant pustule and anthrax	Pústula maligna y antrax									
23	Rabies	Rabia									
24	Actinomycosis, trichinosis, etc	Actinomicosis, trichinosis, etc									
25	Pellagra	Pelagra									
26	Tuberculosis of larynx	Tuberculosis de la laringe					1				1
27	Tuberculosis of lungs	Tuberculosis del pulmón					29	31	11		71
28	Tuberculosis of meninges	Tuberculosis de las meninges					1				1
29	Tuberculosis of abdomen	Tuberculosis abdominal						2			2
30	Pott's disease	Mal de Pott									
31	Cold abscess and abscess by congestion	Abscesos fríos y por congestión									
32	White swellings	Tumores blancos									
33	Tuberculosis of other organs	Tuberculosis de otros órganos					1				1
34	Generalized tuberculosis	Tuberculosis generalizada									
35	Scrofula	Escrófula					1				1
36	Syphilis	Sífilis							1		1
37	Gonorrhea of the adult	Blenorragia en los adultos									
38	Gonococcic infections of children	Afecciones gonocócicas en los niños									
39	Cancer and other malignant tumors of the buccal cavity.	Cáncer ú otros tumores malignos en la cavidad bucal									
40	Cancer and other malignant tumors of the stomach and liver.	Cáncer ú otros tumores malignos del estómago é hígado.									
41	Cancer and other malignant tumors of peritoneum, intestines, and rectum.	Cáncer ú otros tumores malignos del peritoneo, intestinos y recto.									
42	Cancer and other malignant tumors of the female genitals.	Cáncer ú otros tumores malignos de los órganos genitales de la mujer.									
43	Cancer and other malignant tumors of the breast	Cáncer ú otros tumores malignos de la mama									
44	Cancer and other malignant tumors of the skin	Cáncer ú otros tumores malignos de la piel						1			1
45	Cancer and other malignant tumors of other organs and organs not specified.	Cáncer ú otros tumores malignos en otros órganos									
46	Other tumors (tumors of the female genitals excepted)	Otros tumores (exceptuándose los de los órganos genitales de la mujer).									
47	Acute articular rheumatism	Reumatismo articular agudo									
48	Chronic rheumatism, and gout	Reumatismo crónico y gota					4	2			6
49	Scurvy	Escorbuto									
50	Diabetes	Diabetes									
51	Exophthalmic goiter	Bocio exoftálmico									
52	Addisson's disease	Enfermedad bronceada de Addison									
53	Leukæmia	Leucemia									
54	Anæmia, chlorosis	Anemia, clorosis					2	1		1	4
55	Other general diseases	Otras enfermedades generales									
56	Acute alcoholism or chronic	Alcoholismo agudo ó crónico									
57	Lead poisoning	Saturnismo									
58	Other poisonings incident to occupations	Otras intoxicaciones profesionales crónicas									
59	Other chronic poisonings	Otros envenenamientos crónicos									
	II. Diseases of the Nervous System and the Organs of Special Sense.	**II. Enfermedades del Sistema Nervioso y de los Organos de los Sentidos.**									
60	Encephalitis	Encefalitis					1	1			2
61	Simple meningitis	Meningitis simple					24	19			43
61a	Epidemic cerebro-spinal meningitis	Meningitis cérebro-espinal epidémica									
62	Progressive locomotor ataxia	Ataxia locomotriz progresiva									
63	Other diseases of the spinal cord	Otras enfermedades de la médula espinal						1			1
64	Cerebral congestion and hemorrhage	Congestión y hemorragia cerebrales			1		5	5			11
65	Cerebral softening	Reblandecimiento cerebral									
66	Paralysis without apparent cause	Parálisis sin indicación de causa									
67	General paralysis	Parálisis generales					1	2	1		4

	NOMENCLATURE DESIGNED FOR THE STATISTICS OF DEATH.	NOMENCLATURA PARA LAS ESTADÍSTICAS DE DEFUNCIONES.	Americans. M.	Americans. F.	Europeans. M.	Europeans. F.	Filipinos. M.	Filipinos. F.	Chinese. M.	Chinese. F.	Total.
	II.—Diseases of the Nervous System and the Organs of Special Sense—Continued.	**II.—Enfermedades del Sistema Nervioso y de los Órganos de los Sentidos—Continuación.**									
68	Other forms of insanity	Otras formas de alienación mental							1		1
69	Epilepsy	Epilepsia									
70	Eclampsia (nonpuerperal)	Eclampsia (no puerperal)					33	41			74
71	Convulsions of children	Convulsiones en los niños					184	134			318
72	Tetanus	Tétano					6	2			8
73	Chorea	Corea									
74	Other diseases of the nervous system	Otras enfermedades del sistema nervioso					2	7			9
75	Diseases of the eye and its adnexa	Enfermedades de ojos y sus anexos									
76	Diseases of the ear	Enfermedades de los oídos									
	III.	**III.**									
	Diseases of the Circulatory System.	**Enfermedades del Aparato Circulatorio.**									
77	Pericarditis	Pericarditis									
78	Acute endocarditis	Endocarditis aguda					3	5			8
79	Organic disease of the heart	Enfermedades orgánicas del corazón					4	5	3		12
80	Angina pectoris	Angina de pecho					4	3			7
81	Affections of the arteries (atheroma, aneurism, etc.)	Afecciones de las arterias, etc					1	2			3
82	Embolus and thrombosis	Embolia y trombosis									
83	Affections of the veins (varices, hemorrhoides, phlebitis).	Afecciones de las venas									
84	Affections of the lymphatic system (lymphangitis, etc.).	Afecciones del sistema linfático									
85	Hemorrhages	Hemorragias									
86	Other affections of the circulatory system	Otras afecciones del aparato circulatorio							1		1
	IV.	**IV.**									
	Diseases of the Respiratory System.	**Enfermedades del Aparato Respiratorio.**									
87	Diseases of the nasal fossæ	Enfermedades de las fosas nasales									
88	Affections of the larynx	Afecciones de la laringe						1			1
89	Affections of the thyroid body	Afecciones del cuerpo tiroideo									
90	Acute bronchitis	Bronquitis aguda					21	21			42
91	Chronic bronchitis	Bronquitis crónica					21	16	1		38
92	Broncho-pneumonia	Bronco-pneumonía					1				1
93	Pneumonia	Pneumonía					2	3			5
94	Pleurisy	Pleuresía									
95	Pulmonary congestion and apoplexy	Congestion y apoplegía pulmonares	1				1	1			3
96	Gangrene of the lungs	Gangrena del pulmón					1				1
97	Asthma	Asma					1	1	2		4
98	Pulmonary emphysema	Enfisema pulmonar									
99	Other diseases of the respiratory system (phthisis excepted).	Otras enfermedades del aparato respiratorio (exceptuándose la tísis).									
	V.	**V.**									
	Diseases of Digestive System.	**Enfermedades del Aparato Digestivo.**									
100	Affections of the mouth and its adnexa	Afecciones de la boca y de sus anexos									
101	Affections of the pharynx	Afecciones de la faringe					2				2
102	Affections of the esophagus	Afecciones del esófago									
103	Ulcer of the stomach	Ulcera del estómago									
104	Other affections of the stomach (cancer excepted)	Otras afecciones del estómago (exceptuándose el cáncer).					7	3			10
105	Diarrhea and enteritis (under two years)	Diarrea y enteritis (en niños menores de 2 años)					8	4	1	1	14
105a	Chronic diarrhea and enteritis	Diarrea y enteritis crónica					35	33			68
106	Diarrhea and enteritis (two years and over)	Diarrea y enteritis (en niños de 2 ó más años)					1				1
107	Intestinal parasites	Parásitos intestinales						2			2
108	Hernias; intestinal obstructions	Hernias; obstrucciones intestinales					3				3
109	Other affections of the intestines	Otras afecciones del intestino									
110	Acute yellow atrophy of the liver	Ictericia grave					1				1
111	Hydatid tumors of the liver	Tumores hidátidicos del hígado									
112	Cirrhosis of the liver	Cirrosis del hígado					1	1			2
113	Biliary calculi	Cálculos biliares									
114	Other affections of the liver	Otras afecciones del hígado					1				1
115	Affections of the spleen	Afecciones del bazo									
116	Simple peritonitis (puerperal excepted)	Peritonitis simple (exceptuándose la puerperal)					1				1
117	Other affections of the digestive system (cancer and tuberculosis excepted).	Otras afecciones del aparato digestivo (exceptuándose el cáncer y tuberculosis).									
118	Appendicitis and abscess of the iliac fossa	Apendicitis y flemón de la fosa iliaca					1				1
	VI.	**VI.**									
	Diseases of the Genito-Urinary System and its Adnexa.	**Enfermedades del Aparato Génito Urinario y de sus Anexos.**									
119	Acute nephritis	Nefritis aguda					1				1
120	Bright's disease	Mal de Bright					4	2	2		8
121	Other diseases of the kidneys and their adnexa	Otras enfermedades de los riñones y de sus anexos									
122	Calculi of the urinary tract	Cálculos de las vías urinarias									
123	Diseases of the bladder	Enfermedades de la vegiga						1			1
124	Diseases of the urethra, urinary abscess, etc	Enfermedades de la uretra									
125	Diseases of the prostate	Enfermedades de la próstata									
126	Nonvenereal diseases of the male genital organs	Enfermedades no venereas de los órganos genitales del hombre.									
127	Metritis	Metritis									
128	Uterine hemorrhage (nonpuerperal)	Hemorragia uterina (no puerperal)						1			1
129	Tumor, uterine (noncancerous)	Tumor uterino (no canceroso)						1			1
130	Other diseases of the uterus	Otras enfermedades del útero									
131	Cysts and other tumors of the ovary	Quistes y otros tumores del ovario									
132	Other diseases of the female genital organs	Otras enfermedades de los órganos genitales de la mujer.									
133	Nonpuerperal diseases of the breast (cancer excepted).	Enfermedades no puerperales de la mama (exceptuándose el cáncer).									

	NOMENCLATURE DESIGNED FOR THE STATISTICS OF DEATH.	NOMENCLATURA PARA LAS ESTADÍSTICAS DE DEFUNCIONES.	Americans. M.	Americans. F.	Europeans. M.	Europeans. F.	Filipinos. M.	Filipinos. F.	Chinese. M.	Chinese. F.	Total.
	VII.	**VII.**									
	The Puerperal State.	**Estado Puerperal.**									
134	Accidents of pregnancy	Accidentes de la preñez									
135	Puerperal hemorrhage	Hemorragia puerperal						6			6
136	Other accidents of labor	Otros accidentes del parto						1			1
137	Puerperal septicæmia	Septicemia puerperal						7			7
138	Albuminuria and puerperal eclampsia	Albuminuria y eclampsia puerperales						1			1
139	Puerperal phlegmasia alba dolens	Flegmasia alba dolens puerperal									
140	Other puerperal accidents—sudden death	Otros accidentes puerperales—muerte repentina									
141	Puerperal diseases of the breast	Enfermedades puerperales de la mama									
	VIII.	**VIII.**									
	Diseases of the Skin and Cellular Tissue.	**Enfermedades de la Piel y del Tejido Celular.**									
142	Gangrene	Gangrena									
143	Furuncle	Forúnculo									
144	Warm-acute abscess	Abscesos calientes agudos									
145	Other diseases of the skin and its adnexa	Otras enfermedades de la piel									
	IX.	**IX.**									
	Diseases of the Organs of Locomotion.	**Enfermedades de los Órganos de la Locomoción.**									
146	Affections of the bones (nontuberculous)	Afecciones de los huesos (exceptuando la tuberculosis)									
147	Diseases of the joints (tuberculosis and rheumatism excepted).	Afecciones de las articulaciones (exceptuando la tuberculosis y el reumatismo).									
148	Amputation	Amputación									
149	Other affections of the organs of locomotion	Otras afecciones de los órganos de la locomoción									
	X.	**X.**									
	Malformations.	**Vicios de Conformación.**									
150	Congenital malformations (stillbirths excepted)	Vicios de conformación congénitos (exceptuándose los de niños nacidos muertos).					1				1
	XI.	**XI.**									
	Early Infancy.	**Primera Infancia.**									
151	Congenital debility, icterus and sclerema	Debilidad congénita, ictericia y esclerema					10	11			21
152	Other special diseases of early infancy	Otras enfermedades especiales de la primera edad					5	2			7
153	Lack of care	Falta de cuidados									
	XII.	**XII.**									
	Old Age.	**Vejez.**									
154	Senile debility	Debilidad senil					4	9			13
	XIII.	**XIII.**									
	Affections Produced by External Causes.	**Afecciones Producidas por Causas Exteriores.**									
155	Suicide by poison	Suicidio por envenenamiento									
156	Suicide by asphyxia	Suicidio por asfixia									
157	Suicide by hanging or strangulation	Suicidio por suspensión ó por extrangulación									
158	Suicide by submersion	Suicidio por submersión									
159	Suicide by firearms	Suicidio por armas de fuego									
160	Suicide by cutting instruments	Suicidio por instrumentos cortantes									
161	Suicide by jumping from high place	Suicidio por dejarse caer desde un punto elevado									
162	Suicide by crushing	Suicidio por aplastamiento									
163	Other suicides	Otros suicidios									
164	Fractures	Fracturas									
165	Dislocations	Luxaciones									
166	Other accidental traumatisms	Otros traumatismos accidentales	1				2	1			4
167	Burns	Quemaduras por el fuego					1	2			3
168	Burning by corrosive substances	Quemaduras por substancias corrosivas									
169	Insolation	Insolación									
170	Freezing	Congelación									
171	Electrical shocks	Conmoción eléctrica									
172	Accidental submersion	Submersión accidental						2	1		3
173	Inanition	Inanición									
174	Inhalation of deleterious gases (suicide excepted)	Absorción de gases deletéreos									
175	Other acute poisonings	Otros envenenamientos agudos									
176	Other external violence	Otras violencias exteriores					2				2
	XIV.	**XIV.**									
	Ill-Defined Diseases.	**Enfermedades mal Definidas.**									
177	Dropsy	Hidropesía					1				1
178	Sudden death	Muerte repentina									
179	Unspecified or ill-defined causes of death	Causas de muerte no especificadas ó mal definidas					1				1
	Total		3		3		637	535	47	3	1228
	Grand total		3		3		1172		50		1228

NUMBER OF DEATHS BY RACE, SEX, AND AGE.

CAUSE OF DEATH.	Less than one day to thirty days.								From thirty days to one year.								From one to five years.								From five to ten years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
I.																																
General Diseases.																																
1. Typhoid fever (abdominal typhus)														1							2							1	1		
4. Intermittent fever, and malarial cachexia					1																	1						1	1		
4a. Malarial cachexia																					2											
8. Whooping cough																					1											
9. Diphtheria and croup																						1										
10. Grippe																																
12. Cholera, Asiatic														1							10	10						8	5		
14. Dysentery													1								5	3						2	2		
15. Plague																																
17. Leprosy																																
18. Erysipelas																						1										
19. Other epidemic affections																					1											
26. Tuberculosis of larynx																																
27. Tuberculosis of lungs																						1										
28. Tuberculosis of meninges																																
29. Tuberculosis, abdominal																																
33. Tuberculosis of other organs																																
34. Generalized tuberculosis																																
35. Scrofula																												1				
36. Syphilis																																
47. Acute articular rheumatism																																
48. Chronic rheumatism and gout																																
49. Scurvy																																
50. Diabetes																																
54. Anæmia chlorosis													1																			
55. Other general diseases																																
II.																																
Diseases of the Nervous System and the Organs of Special Sense.																																
60. Encephalitis																																
61. Meningitis, simple						1							18	10							6	8										
62. Progressive locomotor ataxia																																
63. Other diseases of the spinal cord																																
64. Cerebral congestion and hemorrhage																																
67. General paralysis																																
69. Epilepsy																																
70. Eclampsia (nonpuerperal)					14	25							18	16							1											
71. Convulsions of children					64	42							117	90							3	2										
72. Tetanus					4	2																										
74. Other diseases of the nervous system														3							2	4										
III.																																
Diseases of the Circulatory System.																																
78. Acute endocarditis																													1			
79. Organic disease of the heart																																
80. Angina pectoris																																
81. Affections of the arteries (atheroma, aneurism, etc.)																																
86. Other affections of the circulatory system																																
IV.																																
Diseases of the Respiratory System.																																
88. Affections of the larynx																																
90. Acute bronchitis					2	3							18	15							1	3										
91. Chronic bronchitis					1								15	6							2	3										
92. Broncho-pneumonia																																
93. Pneumonia																					1											
95. Pulmonary congestion and apoplexy																																
97. Asthma																																
98. Pulmonary emphysema																																
V.																																
Diseases of the Digestive System.																																
101. Affections of the pharynx																												1				
104. Other affections of the stomach (cancer excepted)													3	2							4	1										
105. Diarrhea and enteritis (under 2 years)								1					4		1						4	4										
105a. Diarrhea and enteritis, chronic													3	6							31	24						1	1			
106. Diarrhea and enteritis (2 years and over)																																
107. Intestinal parasites																						2										
108. Hernias: Intestinal obstructions																					1											
110. Acute yellow atrophy of the liver																																
112. Cirrhosis of the liver																																
114. Other affections of the liver																																
116. Simple peritonitis (puerperal excepted)																												1				
118. Appendicitis and abscess of the iliac fossa																																
VI.																																
Diseases of the Genito-Urinary System and its Adnexa.																																
119. Acute nephritis																																
120. Bright's disease																																
121. Other diseases of the kidneys and their adnexa																																
128. Uterine hemorrhage (nonpuerperal)																																

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	Less than one day to thirty days.								From thirty days to one year.								From one to five years.								From five to ten years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
VII. The Puerperal State.																																
135. Puerperal hemorrhage																																
136. Other accidents of labor																																
137. Puerperal septicæmia																																
X. Malformations.																																
150. Congenital malformations (stillbirths excepted)													1																			
XI. Early Infancy.																																
151. Congenital debility, icterus, and sclerema					8	7							1	3							1									1		
152. Other special diseases of early infancy					2	1							2								1	1										
XII. Old Age.																																
154. Senile debility																																
XIII. Affections Produced by External Causes.																																
159. Suicide by firearms																																
160. Suicide by cutting instruments																																
166. Other accidental traumatisms																														1		
167. Burns																													1			
172. Accidental submersion																																
176. Other external violence																																
XIV. Ill-Defined Diseases.																																
177. Dropsy													1																			
179. Unspecified or ill-defined causes of death																																
Total					96	81		1					203	153	1						79	69							17	18		
Grand total					177			1					356		1						148								30			

CAUSE OF DEATH.	From ten to fifteen years.								From fifteen to twenty years.								From twenty to twenty-five years.								From twenty-five to thirty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
I. General Diseases.																																
1. Typhoid fever (abdominal typhus)													2	2																2		
4. Intermittent fever and malarial cachexia													2		2							1							1	1		
4a. Malarial cachexia														1							1											
8. Whooping cough																																
9. Diphtheria and croup																																
10. Grippe																																
12. Cholera, Asiatic					4	7							12	9					1		21	15	3	1			1		27	9	1	
14. Dysentery													2								1	2							2		1	
15. Plague																															1	
17. Leprosy																														2		
18. Erysipelas																																
19. Other epidemic affections					1	1							3								4	2							4	6		
20. Purulent infection and septicæmia																																
26. Tuberculosis of larynx																													1			
27. Tuberculosis of lungs														2							5	2							6	4	2	
28. Tuberculosis of meninges					1																											
29. Tuberculosis, abdominal																																
31. Cold abscess, and abscess by congestion																																
33. Tuberculosis of other organs																					1											
34. Generalized tuberculosis																																
35. Scrofula																																
36. Syphilis																																
40. Cancer and other malignant tumors of the stomach and liver																																
48. Chronic rheumatism and gout																					1											
54. Anæmia chlorosis																																1
II. Diseases of the Nervous System and the Organs of Special Sense.																																
60. Encephalitis						1																										
61. Meningitis, simple																																
63. Other diseases of the spinal cord																																
64. Cerebral congestion and hemorrhage																						2										
67. General paralysis																														1		
68. Other forms of insanity																																
69. Epilepsy																																
70. Eclampsia (nonpuerperal)																																
71. Convulsions of children																																
72. Tetanus																																
74. Other diseases of the nervous system																																

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From ten to fifteen years.								From fifteen to twenty years.								From twenty to twenty-five years.								From twenty-five to thirty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
III.																																
Diseases of the Circulatory System.																																
78. Acute endocarditis														1								2							1			
79. Organic disease of the heart														2								2										
80. Angina pectoris														1																1		
81. Affections of the arteries (atheroma aneurism, etc.)																																
86. Acute endocarditis																																
IV.																																
Diseases of the Respiratory System.																																
88. Affections of the larynx																						1										
90. Acute bronchitis																																
91. Chronic bronchitis																																
92. Broncho-pneumonia																																
93. Pneumonia						1								1								1										
94. Pleurisy																																
95 Pulmonary congestion and apoplexy						1																										
97. Asthma																																
V.																																
Diseases of the Digestive System.																																
101. Affections of the pharynx													1																			
104. Other affections of the stomach (cancer excepted)																																
105. Diarrhea and enteritis (under 2 years)																																
105a. Diarrhea and enteritis, chronic																																
106. Diarrhea and enteritis (2 years and over)																													1			
107. Intestinal parasites																																
110. Acute yellow atrophy of the liver																																
112. Cirrhosis of the liver																																
114. Other affections of the liver																																
116. Simple peritonitis (puerperal excepted)																																
117. Other affections of the digestive system (cancer and tuberculosis excepted																																
118. Appendicitis and abscess of the iliac fossa																																
VI.																																
Diseases of the Genito-Urinary System and its Adnexa.																																
119. Acute nephritis																																
120. Bright's disease													1																	1	2	
121. Other diseases of the kidneys and their adnexa																																
128. Uterine hemorrhage (nonpuerperal)																														1		
VII.																																
The Puerperal State.																																
135. Puerperal hemorrhage														1								3								2		
137. Puerperal septicæmia														1								4								1		
138. Albuminaria and puerperal eclampsia																																
X.																																
Disease of the Skin and Cellular Tissue.																																
145. Other diseases of the skin and its adnexa																																
XI.																																
Early Infancy.																																
151. Congenital debility, icterus, and sclerema																																
152. Other special diseases of early infancy																																
153. Lack of care																																
XII.																																
Old Age.																																
154. Senile debility																																
XIII.																																
Affections Produced by External Causes.																																
166. Other accidental traumatisms																																
167. Burns																																
172. Accidental submersion																																
173. Inanition																																
175. Other acute poisonings																																
176. Other external violence																													1			
XIV.																																
Ill-Defined Diseases.																																
179. Unspecified or ill-defined causes of death																																
Total					6	11							23	21	2				1		35	36	3	1			1		44	31	7	1
Grand total					17								44		2				1		71		4				1		75		8	

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From thirty to thirty-five years.								From thirty-five to forty years.								From forty to forty-five years.								From forty-five to fifty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
I. General Diseases.																																
1. Typhoid fever (abdominal typhus)					1	1							1																			
4. Intermittent fever and malarial cachexia					1	1							1										2									
4a. Malarial cachexia													1																1			
10. Gripp													1																			
12. Cholera, Asiatic					8	9	3						13	6			1				8	4							3	4	1	
14. Dysentery					2	1								1	4							1	1						1			
15. Plague																																
18. Erysipelas																																
19. Other epidemic affections						2	2						1	2																		
20. Purulent infection and septicæmia																																
26. Tuberculosis of larynx																																
27. Tuberculosis of lungs					4	6	4						1	2	2						2	3	1						2		1	
28. Tuberculosis of meninges																																
29. Tuberculosis, abdominal																																
31. Cold abscess and abscess by congestion																																
34. Generalized tuberculosis														1																		
36. Syphilis																							1									
40. Cancer and other malignant tumors of the stomach and liver																																
47. Acute articular rheumatism																																
48. Chronic rheumatism and gout					1									1																1		
49. Scurvy																																
50. Diabetes																																
54. Anæmia chlorosis						1																										
55. Other general diseases																																
56. Acute alcoholism, or chronic																																
II. Diseases of the Nervous System and the Organs of Special Sense.																																
60. Encephalitis																																
61. Meningitis, simple																																
62. Progressive locomotor ataxia																																
64. Cerebral congestion and hemorrhage													2						1			1										
67. General paralysis					1		1																									
68. Other forms of insanity															1																	
69. Epilepsy																																
70. Eclampsia (nonpuerperal)																																
71. Convulsions of children																																
72. Tetanus													1								1											
74. Other diseases of the nervous system																																
III. Diseases of the Circulatory System.																																
78. Acute endocarditis						1															2											
79. Organic disease of the heart					1	1							1		2						1											
80. Angina pectoris					3																1											
81. Affections of the arteries (atheroma, aneurism, etc.)																																
86. Other affections of the circulatory system							1																									
IV. Diseases of the Respiratory System.																																
90. Acute bronchitis																																
91. Chronic bronchitis																													1	2	1	
92. Broncho-pneumonia																					1											
93. Pneumonia																																
94. Pleurisy																																
95. Pulmonary congestion and apoplexy													1																			
97. Asthma																																
98. Pulmonary emphysema																																
V. Diseases of the Digestive System.																																
104. Other affections of the stomach (cancer excepted)																																
105. Diarrhea and enteritis (under 2 years)																																
105a. Diarrhea and enteritis, chronic																																
106. Diarrhea and enteritis (2 years and over)																																
108. Hernias: Intestinal obstructions													1																			
110. Acute yellow atrophy of the liver													1																			
112. Cirrhosis of the liver													1																			
113. Biliary calculi																																
114. Other affections of the liver																																
116. Simple peritonitis (puerperal excepted)																																
117. Other affections of the digestive system (cancer and tuberculosis excepted																																
118. Appendicitis and abscess of the iliac fossa																					1											
VI. Diseases of the Genito-Urinary System and its Adnexa.																																
119. Acute nephritis																																
120. Bright's disease					1																1	1										
121. Other diseases of the kidneys and their adnexa																																
128. Uterine hemorrhage (nonpuerperal)																																

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From thirty to thirty-five years.								From thirty-five to forty years.								From forty to forty-five years.								From forty-five to fifty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	.	F.	M.	F.
VII.																																
The Puerperal State.																																
136. Other accidents of labor						1																										
137. Puerperal septicæmia						1																										
138. Albuminuria and puerperal eclampsia						1																										
X.																																
Disease of the Skin and Cellular Tissue.																																
145. Other diseases of the skin and its adnexa																																
XI.																																
Early Infancy.																																
151. Congenital debility, icterus, and sclerema																																
152. Other special diseases of early infancy																																
153. Lack of care																																
XII.																																
Old Age.																																
154. Senile debility																																
XIII.																																
Affections Produced by External Causes.																																
166. Other accidental traumatisms	1												1								1											
167. Burns						1																										
172. Accidental submersion															1															1		
173. Inanition																																
175. Other acute poisonings																																
176. Other external violence																													1			
XIV.																																
Ill-Defined Diseases.																																
179. Unspecified or ill-defined causes of death																																
Total	1				23	27	11						28	13	10		1		1		19	10	5						9	8	3	
Grand total	1				50		11						41		10		1		1		29		5						17		3	

CAUSE OF DEATH.	From fifty upward.								Unknown.								Total.								Grand total.
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
I.																									
General Diseases.																									
1. Typhoid fever (abdominal typhus)						1															7	8			15
4. Intermittent fever and malarial cachexia													1								8	5	4		17
4a. Malarial cachexia																					5	1			6
8. Whooping cough																					1				1
9. Diphtheria and croup																						1			1
10. Grippe																					1				1
12. Cholera, Asiatic					10	14							3				1		2		127	93	8	1	232
14. Dysentery					3	4															19	14	6		39
15. Plague													2								2		1		3
17. Leprosy																						2			2
18. Erysipelas																						1			1
19. Other epidemic affections					5		1														19	13	3		35
26. Tuberculosis of larynx																					1				1
27. Tuberculosis of lungs					9	11	1														29	31	11		71
28. Tuberculosis of meninges																					1				1
29. Tuberculosis, abdominal						2																2			2
33. Tuberculosis of other organs																					1				1
34. Generalized tuberculosis																						1			1
35. Scrofula																					1				1
36. Syphilis																							1		1
40. Cancer and other malignant tumors of the stomach and liver																									
47. Acute articular rheumatism																									
48. Chronic rheumatism and gout					2																4	2			6
50. Diabetes																									
54. Anæmia chlorosis					1																2	1		1	4
II.																									
Diseases of the Nervous System and the Organs of Special Sense.																									
60. Encephalitis					1																1	1			2
61. Meningitis, simple																					24	19			43
63. Other diseases of the spinal cord						1																1			1
64. Cerebral congestion and hemorrhage					3	2													1		5	5			11
67. General paralysis						1															1	2	1		4
68. Other forms of insanity																							1		1
69. Epilepsy																									
70. Eclampsia (nonpuerperal)																					33	41			74
71. Convulsions of children																					184	134			318
72. Tetanus																					6	2			8
74. Other diseases of the nervous system																					2	7			9

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From fifty upward.								Unknown.								Total.								Grand total.
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
III. Diseases of the Circulatory System.																									
78. Acute endocarditis																					3	5			8
79. Organic disease of the heart					1		1														4	5	3		12
80. Angina pectoris						1															4	3			7
81. Affections of the arteries (atheroma)					1	2															1	2			3
86. Other affections of the circulatory system																							1		1
IV. Diseases of the Respiratory System.																									
88. Affections of the larynx																						1			1
90. Acute bronchitis																					21	21			42
91. Chronic bronchitis					2	5															21	16	1		38
92. Broncho-pneumonia																					1				1
93. Pneumonia						1															2	3			5
95. Pulmonary congestion and apoplexy									1								1				1	1			3
96. Gangrene of the lungs					1																1				1
97. Asthma					1	1	2														1	1	2		4
V. Diseases of the Digestive System.																									
101. Affections of the pharynx																					2				2
104. Other affections of the stomach (cancer excepted)																					7	3			10
105. Diarrhea and enteritis (under 2 years)																					8	4	1	1	14
105a. Diarrhea and enteritis, chronic						2															35	33			68
106. Diarrhea and enteritis (2 years and over)																					1				1
107. Intestinal parasites																						2			2
108. Hernias: Intestinal obstructions					1																3				3
110. Acute yellow atrophy of the liver																					1				1
112. Cirrhosis of the liver						1															1	1			2
114. Other affections of the liver					1																1				1
116. Simple peritonitis (puerperal excepted)																					1				1
118. Appendicitis and abscess of the iliac fossa																					1				1
VI. Diseases of the Genito-Urinary System and its Adnexa.																									
119. Acute nephritis					1																1				1
120. Bright's disease					1																4	2	2		8
123. Diseases of the bladder						1																1			1
128. Uterine hemorrhage (nonpuerperal)																						1			1
129. Tumor uterine (noncancerous)						1																1			1
VII. The Puerperal State.																									
135. Puerperal hemorrhage																						6			6
136. Other accidents of labor																						1			1
137. Puerperal septicæmia																						7			7
138. Albuminuria and puerperal eclampsia																						1			1
X. Malformations.																									
150. Congenital malformations (still births excepted)																					1				1
XI. Early Infancy.																									
151. Congenital debility, icterus, and sclerema																					10	11			21
152. Other special diseases of early infancy																					5	2			7
XII. Old Age.																									
154. Senile debility					4	9															4	9			13
XIII. Affections Produced by External Causes.																									
166. Other accidental traumatisms																	1				2	1			4
167. Burns						1															1	2			3
172. Accidental submersion														1								2	1		3
175. Other acute poisonings																									
176. Other external violence																					2				2
XIV. Ill-Defined Diseases.																									
177. Dropsy																					1				1
179. Unspecified or ill-defined causes of death													1								1				1
Total					48	61	5		1				7	1			3		3		637	585	47	3	
Grand total					109		5		1				8				3		3		1172		50		1228

Number of Deaths with Causes Occurring Among Transients in Manila During the Month of September. These Deaths Are Not Included in Preparing Death Rate of City.

			Americans.		Foreigners.		Filipinos.		Chinese.		Total.
			M.	F.	M.	F.	M.	F.	M.	F.	
	I. General Diseases.	**I. Enfermedades Generales.**									
1	Typhoid fever	Fiebre tifoidea		1			1				2
5	Variola	Viruela		1	1						2
12	Cholera, Asiatic	Cólera asiático			1		16	8	2		27
14	Dysentery	Disenteria					2				2
15	Plague	Peste						1			1
19	Other epidemic affections (beri-beri)	Otras afecciones epidémicas (beri-beri)					1				1
27	Tuberculosis of lungs	Tuberculosis pulmonar					2				2
	II. Diseases of the Nervous System and the Organs of Special Sense.	**II. Enfermedades del Sistema Nervioso, y otros Organos de los Sentidos Especiales.**									
61	Meningitis, simple	Meningitis simple						1			1
69	Epilepsy	Epilepsia						1			1
71	Convulsions of children	Convulsiones infantiles					2	2			4
	III. Diseases of the Respiratory System.	**III. Enfermedades del Sistema Respiratorio.**									
93	Pneumonia	Neumonia					3				3
	V. Diseases of Digestive System.	**V. Enfermedades del Aparato Digestivo.**									
104	Other affections of the stomach (cancer excepted)	Otras afecciones del estómago exceptuando el cancer						1			1
105	Diarrhea and enteritis (under 2 years)	Diarrea y enteritis, menores de 2 años						1			1
105a	Diarrhea and enteritis, chronic	Diarrea y enteritis, cronica					1				1
	VI. Diseases of the Genito-urinary System and its adnexa.	**VI. Enfermedades del Aparato Genito Urinario y sus Anexos.**									
120	Bright's disease	Enfermedad de Bright					1				1
	XI. Early Infancy.	**XI. Enfermedades de la Infancia.**									
151	Congenital debility, icterus and sclerema	Debilidad congenita, ictericia y esclerema						1			1
152	Other special diseases of early infancy	Otras enfermedades de la infancia						1			1
	XII. Old Age	**XII. Vejez.**									
154	Senile debility	Debilidad senil					2				2
	XIII. Affections Produced by External Causes.	**XIII. Afecciones Producidas por Causas Externas.**									
159	Bullet wounds	Heridas de bala					2				2
160	Wounds produced by cutting instruments	Heridas por instrumentos cortantes					1				1
172	Accidental submersion	Submersion accidental					1				1
		Total		2	2		35	17	2		58

Bilibid Prison Report of Deaths During the Month of September, 1903.

	Presidio.				Carcel.				Total.	Condition.					Total.	Cemeteries.	
	Filipinos.		Chinese.		Filipinos.		Chinese.			Single.	Married.	Widower.	Widows.	Unknown.		Loma.	Chinese.
	M.	F.	M.	F.	M.	F.	M.	F.									
Asiatic cholera					3	1			4								
Amoebic dysentery	1				1				2								
Tuberculosis of lungs	1				1				2								
Chronic endocarditis	1								1								
Pneumonia					2				2	7	7	2			16	16	0
Interstitial chronic nephritis	1								1								
Senile debility	3								3								
Multiple gunshot wounds of chest	1								1								
Total	8				7	1			16	7	7	2			16	16	0

These deaths included in the monthly report.

Births Reported in September, 1903.

Americans	6
Filipinos	485
Spanish	4
Other Europeans*	0
Chinese	4
All other	0
Total	499

*Incomplete.

Annual Birth Rate per Thousand for the Month.

Americans	16.64
Filipinos	31.11
Spanish	19.26
Other Europeans	0
Chinese	2.29
All other	0
Average	27.62

Report of Prescriptions Filled at the Municipal Dispensary, Showing Districts, Sex, and Age of Persons to Whom Medicines Have Been Given During the Month.

	Americans.				Foreigners.				Filipinos.				Chinese.				Total.
	Adult.		Children.		Adult.		Children.		Adult.		Children.		Adult.		Children.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
Walled City									32	30	5	6					73
Concepcion									3	16	10	3					32
San Miguel									2	6	5	6					19
Ermita										3		3					6
Malate									8	8	5	2					23
Paco									19	31	2						52
Santa Ana										4		3					7
Sampaloc									142	93	74	25					334
Pandacan									9								9
Quiapo									13	14	3	4					34
Santa Cruz									39	15	4	3					61
Binondo									3			1					4
San Nicolas									24	4		3					31
Tondo									6	14		5					25
Total									300	238	108	64					710

Report of Sick and Wounded City Poor Attended by Municipal Physicians During the Month of September, 1903.

	Foreigners.				Filipinos.				Chinese.				Total.		Recoveries.		Deaths.		Number of visits.
	Adult.		Children.		Adult.		Children.		Adult.		Children.								
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
Sanitary District No. 1 San Nicolas					10	13	3	3					13	16	4	4		4	113
Sanitary District No. 2 Tondo					8	21	6	4	2				16	25	6	11	8	7	175
Sanitary District No. 3 Quiapo					13	14	3	6					16	20	6	11	2	4	65
Sanitary District No. 4 Santa Cruz					15	9	2	5	1				18	14	11	6	5	5	182
Sanitary District No. 5 Sampaloc					41	41	23	16			1		65	57	22	25	10	9	294
Sanitary District No. 6 Intramuros					22	39	18	9					41	48	28	31	6	4	261
Sanitary District No. 7 Paco, Ermita, Malate	1				19	24	18	16					37	40	8	16	20	13	191
Total	1				128	161	73	59	3		1		206	220	85	104	51	46	1,281

Monthly Report of San Lazaro Hospital Women's and Leper Departments, for September, 1903.

	Leper department.							Women's department.				
	Europeans.		Filipinos.		Chinese.		Total.	Americans.	Europeans.	Filipinos.	Japanese.	Total.
	M.	F.	M.	F.	M.	F.						
Number of patients in hospitals at last report	0	1	115	86	0	0	202	1	1	43	29	74
Number of patients received during the month	0	0	4	0	0	0	4	1	2	38	29	70
Number of patients discharged cured	0	0	1	0	0	0	1	2	3	31	33	69
Number of deaths	0	0	0	2	0	0	2	0	0	0	0	0
Number of escaped	0	0	0	1	0	0	1	0	0	0	0	0
Number of patients remaining in hospitals	0	1	118	83	0	0	202	0	0	50	25	75

3 Filipinos admitted and 1 born in hospital.
1 infant turned over to relatives, "not diseased."
1 Filipino escaped.
3 Filipinos died.

2 Americans and 3 Europeans discharged cured.
30 Filipinas discharged cured and 1 transferred to San Juan de Dios.
32 Japanese discharged cured and 1 transferred to San Juan de Dios.

General Inspection of Houses, Premises, Vaults, etc., with Improvements Ordered, Disinfected, Whitewashed, Cleaned, etc., by Medical Inspectors, Chief Sanitary Inspectors, and Sanitary Inspectors, for the Month of September, 1903.

1. Houses inspected by the Chief Sanitary Inspector	4,070
2. Houses reinspected for verification of work ordered	611
3. Houses inspected by sanitary inspectors	44,391
4. Houses reinspected by sanitary inspectors	9,076
5. Houses ordered cleaned (written)	1
6. Houses ordered cleaned (verbal)	7,391
7. Houses cleaned	6,390
8. Houses ordered whitewashed and painted	53
9. Houses whitewashed and painted	35
10. Houses disinfected	296
11. Number of houses recommended condemned and removed	1
12. Number of houses condemned and removed	0
13. Number of localities where "squatters" are located	21
14. Number of samples of water from wells sent to Laboratory	1
15. Number of reports from same	1
16. Number of fire plugs opened or closed for sanitary purposes	0
17. Number of hydrants recommended reopened	0
18. Number of houses where garbage has not been removed for two days	128
19. Number of persons reported sick to municipal physicians	135
20. Cesspools and vaults ordered cleaned	449
21. Cesspools cleaned	299
22. Yards ordered cleaned	3,041
23. Yards cleaned	2,538
24. Yards ordered repaired (repaved, etc.)	50
25. Yards repaired	59
26. Number of cholera cases reported by sanitary inspectors	5
27. Number of cholera cases reported by Auxiliary Advisory Board	53
28. Number of cholera cases found "alive"	107
29. Number of cholera cases found "dead"	156
30. Number of orders issued during the month	229
31. Number of orders complied with during the month	189
32. Number of orders awaiting action	311
33. Number of orders pending in court	12
34. Number of food tiendas in districts	1,471
35. Number of persons convicted for violation of food-prohibition order	17
36. Average in visiting each street and barrio during month	3,285
37. Number of regular inspectors on duty	48
38. Number of emergency inspectors on duty	0
39. Number of leper cases sent to San Lazaro Hospital	3
40. Number of plague cases reported	2
41. Number of smallpox cases reported	1
42. Houses in which traps are set	15,681
43. Houses in which bane is placed	3,116
44. Traps set	27,094
45. Plates with rat bane placed	8,762
46. Rats caught by rat catchers	11,521
47. Rats caught by traps	8,178
48. Rats caught by poison	211
49. Rats purchased	23
50. Rat catchers employed	67

Station A.—Health District No. 1.

Monthly Sanitary Report, Harbor and River, September 30, 1903.

Ships inspected	12	Cholera cases found on ships and other craft	5
Launches inspected	92	Cholera cases found "alive"	2
Schooners	135	Cholera cases found "dead"	3
Lorchas	397	Bubonic plague cases reported	2
Cascos	1,111	Smallpox cases reported	0
Trips made by the Board of Health launch to the bay	58	Dead bodies found in harbor and river	5
Trips made by the Board of Health launch up the river	33	Fumigated	2

Burials, September, 1903.

Cemeteries.	Number.
Loma (Government)	726
Paco (General Government)	31
Binondo	20
Santa Cruz	6
Balic-Balic	158
Maytubig	64
Malate	61
Pandacan	37
Santa Ana	28
American National Cemetery	2
San Pedro Macati	1
Chinese	56
Crematory	121
	1
Total	1,312

26 of the above were stillbirths and 58 transient residents.

Disinterments, September, 1903.

Paco	7
Santa Cruz	6
Malate	2
Chinese	2
Total	17

Monthly Report of Crematories for the Month of September, 1903.

Disposition.	Crematories.			
	Palomar.	Santa Cruz.	Paco.	Total.
Animals cremated:				
Horses, American			13	13
Horses, Chinese			7	7
Horses, Australian			1	1
Horses, Filipino	4		132	136
Carabaos			84	84
Cows	8		84	92
Dogs	171	34	12	217
Goats	5	0	0	5
Cats	87	5		92
Rats	7,274	2,084		9,358
Monkeys	2	1		3
Fowls	1,980	92		2,072
Pigs	900	49	4	953
Sheep		1	3	4
Calves		2	3	5
Domestic birds	36			36
Total	10,467	2,268	343	13,078
Total cremated.				
House garbage	2,058	562	1,534	4,154
Trade refuse	254	36	112	402
Organic matter	54	13	32	99
Other refuse	147	47	76	270
Market refuse	301	39		340
Beach refuse		7		7
Total	2,814	704	1,754	~~5,272~~ 5,272

Report of Operations of the Pail Conservancy System for the Month of September, 1903.

New installations made in private house during the month of September, 1903, 3; number of seats installed, 3.
New installations made in public buildings during the month of September, 1903, 1; number of seats installed, 2.
New installations made in public closets during the month of September, 1903, 0; number of seats installed, 0.
Total number of new installations made during the month of September, 1903, 4; number of seats installed, 5.
Total number of installations made in private houses prior to September, 30, 1903, 653; number of seats installed, 930.
Total number of installations made in public buildings prior to September, 30, 1903, 38; number of seats installed, 152.
Total number of installations made in public closets prior to September, 30, 1903, 11; number of seats installed, 170.
Total number of installations made prior to September, 30, 1903, 702; number of seats installed, 1,252.
Number of collecting stations where pails are used, other than public closets, 6; number of full pails removed daily, 114.
Number of pails removed and cleaned from private houses during month of September, 24,266; number of pails repaired during September, 611.
Number of pails removed and cleaned from public buildings during month of September, 2,660; number of commodes repaired during September, 47.
Number of pails removed and cleaned from public closets during month of September, 10,783; number of pails worn out in service, 0.
Number of pails removed and cleaned from collecting stations during month of September, 3,409; number of commodes worn out in service, 13.
Total number of pails removed and cleaned during month of September, 41,118; number of inspections made of closets, 0.
Estimated number of people habitually resorting to public closets daily, 20,000; number of repairs ordered, 0.
Cost of collecting and cleaning pails for month of September, P. 5,238.78; cost per pail daily, P. 1,274.
Funds collected for installations in private houses during month 91.00, Mexican; funds collected for cleaning changes during month 1,769.90 Mexican. 376.13 P.
Number of vaults, cesspools, etc., cleaned by public excavators, 10; number of gallons removed, 102,500.
Number of vaults, cesspools, etc., cleaned by private scavangers, 72; number of barrels removed, 767.

Skeleton Report on Pail System for September, 1903.

Seats installed.	Inspections.	Closets repaired.	Pails cleaned.	Cost work force.	Per pail.	Pails repaired.	Commodes repaired.	Collected.	Excavated.	
									Loads.	Gallons.
4			41,118	5,238.78	[2]$0.1274	611	47	[1]$1,860.90 [2]$376.13	205	102,500

[1] Local currency. [2] Philippines currency.

Report of Action on Licenses taken during the Month of August, 1903.

Business for the conduction of which license is desired.	License applications approved.	License applications disapproved.	Total applications acted on.	Applications awaiting action.	Business for the conduct of which license is desired.	License applications approved.	License applications disapproved.	Total applications acted on.	Applications awaiting action.
Bakery	2	2	4	0	Oil, lumbang, make and sell	1	0	1	0
Blacking and polish, make and sell	1	0	1	0	Restaurant	2	0	2	1
Chocolate, make and sell	3	1	4	0	Sausages, make and sell	1	0	1	0
Cigars and cigarettes, to sell	1	1	2	0	Slippers, make and sell	1	1	2	0
Establishment, undertakers	1	0	1	0	Store, drug (Chinese)	4	0	4	0
Factory, soap	6	0	6	0	Store, drug (native)	9	0	9	1
Ice, make and sell	1	0	1	0	Store, grocery	4	3	7	0
Laundry	7	1	8	0	Store, to sell native wine	5	1	6	0
License, distillers	1	0	1	0	Sweetmeats, make and sell	6	1	7	0
License, first-class liquor, with restaurant	1	0	1	1	Vermicelli, make and sell	1	2	3	0
License, second-class liquor, with restaurant	1	1	2	1	Waters, aerated, make and sell	2	0	2	0
					Totals	61	14	75	4

Operation of Veterinary Division.

DAVID G. MOBERLY, D. V. S.,
Veterinarian Board of Health.

On arrival in city:

Number of cattle inspected	4,111
Number of horses inspected	247
Number of carabaos inspected	482
Number of hogs inspected	3,232
Number of sheep inspected	140
Number of goats inspected	58
Number of other animals inspected	11
Total	8,281

MURRAY J. MEYERS, D. V. S.,
Assistant Veterinarian Board of Health.

In Government abattoir.

Number of cattle slaughtered	2,681
Number of hogs slaughtered	5,408
Number of sheep slaughtered	159
Total	8,248
Number of cattle condemned and cremated	15
Number of hogs condemned and cremated	22
Number of horses condemned for glanders	21
Number of horses condemned for surra	0
Number of other animals cremated	23
Total	81

Report of Disinfections for the Month of September, 1903.

Diseases.	Number of disinfections.	Number of contacts.
Cholera	246	846
Bubonic plague	2	8
Smallpox	1	1
Glanders	8	0
Unsanitary conditions	2	0
Total	259	855

Reports Received of Lepers Living in the Various Provinces of the Philippine Islands, to September 30, 1903.

Province.	Race.	Number of men.	Number of women.	Children.		Single.		Married.		Widower.	Widow.	Total.
				M.	F.	M.	F.	M.	F.			
Antique	Filipinos	92	37	2	2	38	28	42	4	12	5	133
Batangas	do	19	5			12	3	3	3	3		24
Bataan	do	10	4	1	1	5		3	2	2	2	16
Benguet	Igorrotes	31	10	1	1	1		21	10	9		43
Ambos Camarines	Filipinos	33	17	1	1	24	12	8	5	1		52
Bulacan	do	17	9	2	1	12	6	5	3			29
Ilocos Norte	do	45	28	5	2	9	10	31	8	5	10	80
Ilocos Sur	do	176	84	4	2	101	50	66	17	14	12	266
Leyte	do	49	38	1	3	26	27	20	7	3	4	91
Masbate	do	51	35	25	10	22	15	23	19	2	5	121
Cagayan	do	46	30		3	20	10	20	19	6	1	79
Lepanto	do	14	4	1		5	1	8		1	3	19
Cavite	do	17	5		3	16	3	1			2	25
Nueva Ecija	do	44	24			19	12	22	8	2	5	68
Negros Occidental	do	26	11	5	1	17	10	8	1	1		43
Pampanga	do	8	5	2		3	1	5	3	1		15
Pangasinan	do	120	80	2	3	36	28	65	38	19	14	205
Rizal	do	41	24	2		19	12	21	7	3	3	67
Marinduque	do	1	1	1			1	1				3
Laguna	do	1						1				1
San Lazaro	do	97	75	22	9	65	42	25	17	7	16	208
Tarlac	do	27	24	11	4	7	9	17	11	2	5	66
Sorsogon	do	75	33	1	1	33	17	40	10	3	5	110
Romblon	do	5	10			3	6	2	3	1		15
Samar	do	39	32	13	8	17	9	21	18	3	3	92
Union	do	43	28	3		15	14	24	12	4	2	74
Zambales	do	58	35	2		30	15	26	13	4	5	95
Mindanao	Moros	140	74	3	3	84	46	45	18	9	12	220
Cebú	Filipinos	171	89	5	4	136	64	33	21	3	3	269
Iloilo	do	231	66	11	2	113	37	94	9	24	20	310
Negros Oriental	do	66	42	6	2	27	23	32	14	7	5	116
Isabela de Luzon	do	18	4	1		3	1	10	3	5		23
Tayabas	do	1								1		1
Albay	do	68	33	1	1	30	18	27	10	11	5	103
Nueva Vizcaya	do	13	12	2		7	3	4	6	2	3	27
Abra	do	11	6			5	4	5	2	1		17
Bohol	do	46	46	5	1	20	19	27	17	3	6	98
Capiz	do	44	33	19	9	26	24	13	12	1	1	105
Surigao	do		1								1	1
Total		1,994	1,094	160	76	1,006	580	819	350	175	158	3,325

The following tabulated statement shows the amount of vaccine virus distributed by the Board of Health during the month of September, 1903.

	Units.
United States Army	4,905
United States Public Health and Marine-Hospital Service	2,000
Inhabitants of the Philippine Islands (Manila not included)	47,510
Sold to the public	265
Used by public vaccinator of the city of Manila	16,220
Total	70,900

Report on Vaccination, City of Manila, During the Month of September, 1903.

SATURNINO ESPEJO, Chief of Vaccinators.

Districts.	Children.			Adults.			Total.			Grand total.
	Filipinos.	Chinese.	Americans and foreigners.	Filipinos.	Chinese.	Americans and foreigners.	Filipinos.	Chinese.	Americans and foreigners.	
Walled City	236			342		5	578		5	583
Binondo	102	5		192	302		294	307		601
San Nicolas	128	63		248	252	1	376	315	1	692
Tondo	513			222	19	1	735	19	1	755
Santa Cruz	241	2		415	325	11	656	327	11	994
Quiapo	330			545	24	3	875	24	3	902
San Miguel	469			371	32	33	840	32	33	905
Sampaloc	299			384	7	3	683	7	3	693
Paco	238			256			494			494
Ermita	207			257	21		464	21		485
Malate	114			194		1	308		1	309
Total	2,877	70		3,426	982	58	6,303	1,052	58	7,413

Monthly Report of Smallpox for Manila from September 1 to September 30, 1903.

	Cases.		Deaths.	
	M.	F.	M.	F.
Filipinos	1	0	0	0
Americans	0	1	0	1
Syrian	0	0	1	0
Total	1	1	1	1

	Cases.	Deaths.
Intramuros	0	1
San Nicolás	1	0
Proceding from San Fernando, Pampanga	1	1
Total	2	2

	Cases.	Deaths.
25 years	1	0
30 years	1	2
Total	2	2

Daily Report of Bubonic Plague for Manila from September 1 to September 30, 1903.

	Cases.		Deaths.	
	M.	F.	M.	F.
Filipinos	3	0	3	0
Chinese	1	0	1	0
Total	4	0	4	0

	Cases.	Deaths.
Tondo	2	2
San Nicolás	2	2
Total	4	4

	Cases.	Deaths.
From 15 years to 20 years	2	2
From 26 years to 30 years	1	1
Unknown	1	1
Total	4	4

Epidemic of Cholera in the City of Manila and Provinces from March 20, 1902, to September 1, 1903.

Month.	Manila.		Provinces.	
	Cases.	Deaths.	Cases.	Deaths.
1902.				
March	108	90		
April	586	406	1,927	1,417
May	550	442	2,407	1,631
June	601	492	5,204	4,097
July	1,368	1,053	7,757	5,807
August	720	581	11,247	7,874
September	273	179	43,346	27,410
October	87	57	30,837	18,572
November	336	236	12,353	6,681
December	35	24	5,918	3,583

Month.	Manila.		Provinces.	
	Cases.	Deaths.	Cases.	Deaths.
1903.				
January	7	4	4,921	2,757
February	2	1	2,997	2,009
March	6	6	1,903	1,124
April	33	27	1,772	1,147
May	230	212	1,402	885
June	39	38	3,554	2,945
July	42	38	4,167	2,806
August	89	72	10,212	7,406
Total	5,112	3,958	151,924	98,151

Report of Cholera in City of Manila, September 1, 1903.

	Males.		Females.	
	C.	D.	C.	D.
Filipinos	158	143	112	101
Chinese	10	10	1	1
Americans	5	5	0	0
Europeans	4	3	0	0
Totals	177	161	113	102

	C.	D.
Tondo	92	85
Santa Cruz	63	53
San Nicolas	52	46
Quiapo	18	18
Paco	11	12
Sampaloc	18	18
Intramuros	11	10
Ermita	12	10
Malate	7	6
Santa Ana	1	1
Bilibid Prison	5	4
Totals	290	263

Number of cases found "alive"	129
Number of cases found "dead"	161
	290

	C.	D.
Filipinos	270	244
Chinese	11	11
Americans	5	5
Europeans	4	8
Totals	290	263

	C.	D.
Under 1 year	1	1
From 1 year to 5 years	23	21
From 6 years to 10 years	13	13
From 11 years to 15 years	13	13
From 16 years to 20 years	25	24
From 21 years to 25 years	62	56
From 26 years to 30 years	49	41
From 31 years to 35 years	26	23
From 36 years to 40 years	18	18
From 41 years to 45 years	19	16
From 46 years to 50 years	13	10
From 51 years to 55 years	9	9
From 56 years to 60 years	11	11
From 61 and above	5	5
Unknown	3	2
Totals	290	263

NOTE.—Including four soldiers not appearing in report of "Causes of deaths for September."

Report of Cholera Occurring in Provinces in the Philippine Islands from September 1 to September 30, 1903.

PROVINCE.	Cases.	Deaths.	Per cent.	PROVINCE.	Cases.	Deaths.	Per cent.
Antique	277	197	71	Marinduque	373	373	100
Bataan	43	31	72	Misamis	141	83	58
Batangas	66	53	80	Nueva Ecija	58	53	91
Bohol	112	95	84	Pangasinan	163	95	58
Bulacan	47	39	82	Rizal	16	12	75
Cagayan	70	55	70	Surigao	193	193	100
Capiz	47	38	60	Tarlac	66	39	59
Cavite	17	12	70	West Negros	251	195	77
Cebu	2,218	1,770	79	Zambales	25	20	80
Iloilo	257	194	75				
Ilocos Norte	7	14		Total	4,610	3,669	
Isabela	30	18	60				
La Laguna	74	47	73	Mortality per cent			79.5
Leyte	59	43	72				

Bilibid Prison Sick Report for the Month of September, 1903.

Diseases.	Total sick as per last report.	Taken since last report.	Died.	Discharged.	Total number sick this date.
Catarrhal enteritis, chronic[1]		1		1	
Cerebral hemorrhage[2]		1		1	
Cerebral congestion		1		1	
Cholera		5	4		1
Double pneumonia		2	1	1	
Double hydracle (radical operation)	1			1	
Dysentery, amoebic	2	9	2	7	2
Endocarditis, chronic		1	1		
Fever, malarial, intermittent		17		12	5
Fever, malarial, remittent		3		3	
Hernia, inguinal (radical operation)		1		1	
Hydrocele of tunica (operated)	1			1	
Infected wound of foot		1		1	
Intestinal colic		4		4	
Intestinal parasites		1		1	
Ischio rectal fistula (operated)	1			1	
Lymphangitis, inguinal glands		1		1	
Maliguerer		1		1	
Morphinism		1		1	
Multiple gunshot wounds of chest and abdomen (syncope)		1	1		
Nephritis, acute		1			1
Pneumonia	2	3	1	2	2
Senile debility (cardiac asthenia)		3	3		
Tuberculosis	10	6	2	1	13
Uremia		1		1	
Uremia, chronic interetitial nephritis		1	1		
Varicose veins in leg (operated)	1			1	
Varicella (chicken pox)		1		1	
Hysteria		1			1
Dementia					
Total	18	68	16	45	25

Total number prisoners, 3,305.

[1] Convalescents, 27.

[2] Disabled, 32.

Meteorological Data Deduced from Hourly Observations.

Date.	Barometer. Mean.		Temperature. Mean.		Temperature. Maximum.		Temperature. Minimum.		Relative humidity, mean.	Wind. Prevailing direction.	Wind. Total daily motion.		Wind. Maximum. Force.		Wind. Maximum. Direction.	Sunshine.	Rainfall.	
	Inches.	*mm.*	°*C.*	°*F.*	°*C.*	°*F.*	°*C.*	°*F.*	*Per ct.*		*Km.*	*Miles.*	*Km.*	*Miles.*		*h. m.*	*Inch.*	*mm.*
1	29.876	758.82	26.6	79.9	28.7	83.7	23.7	74.7	86.8	N.	153	95	19	12	N.	0-00	0.004	0.1
2	29.859	58.41	27.5	81.5	34.4	94.0	22.6	72.6	81.7	Variable.	80	50	10	6	S.	7-20	0.346	8.8
3	29.857	58.34	27.0	80.6	30.9	87.6	22.8	73.0	83.0	W.	123	76	18	11	W.	5-15		
4	29.853	58.26	28.1	82.6	32.7	90.8	22.3	72.1	80.4	Variable.	81	50	14	9	NW.	6-50		
5	29.862	58.48	27.6	81.7	31.2	88.2	22.9	73.3	81.7	Variable.	90	56	12	7	W.	2-30	.488	12.4
6	29.869	58.65	27.0	80.6	31.8	89.3	22.3	72.1	83.2	WSW.	118	73	16	10	NNE.	2-40	1.669	42.4
7	29.854	58.27	27.8	82.0	31.8	89.2	22.9	73.3	81.4	W.	100	62	11	7	W. by S.	8-50		
8	29.851	58.21	28.5	83.3	32.3	90.2	23.2	73.8	78.9	WSW.	202	126	20	12	WSW.	7-15		
9	29.878	58.87	28.5	83.3	32.1	89.8	23.3	73.9	77.5	WSW.	218	135	25	16	WSW.	8-25	.158	4.0
10	29.857	58.35	28.0	82.4	31.8	89.2	22.8	73.0	81.2	W.	86	53	12	7	W.	5-50	.063	1.6
11	29.833	57.74	28.1	82.6	32.7	90.8	23.3	73.9	83.0	Variable.	74	46	10	6	ENE.	3-55	.716	18.2
12	29.866	58.57	27.1	80.8	31.8	89.3	23.2	73.7	86.2	Variable.	123	76	12	7	ENE.	5-55	.043	1.1
13	29.888	59.15	27.2	81.0	31.9	89.5	22.8	73.0	85.1	NNE.-ENE.	113	70	13	8	NNE.	5-40	.004	0.1
14	29.867	58.60	27.2	81.0	31.2	88.1	23.2	73.8	83.5	W.-NNW.	128	80	14	9	W.	5-00	.256	6.5
15	29.859	58.40	26.9	80.4	31.0	87.8	22.1	71.8	80.5	W.	78	48	11	7	ENE.	6-00	.067	1.7
16	29.831	57.70	27.2	81.0	31.4	88.6	22.4	72.3	79.9	Variable.	98	61	12	7	ENE.	5-00		
17	29.850	58.19	26.5	79.7	31.6	88.9	22.6	72.6	84.8	W.-ENE.	104	65	14	9	SE.	7-20	.008	0.2
18	29.890	59.21	27.3	81.1	35.3	95.6	22.2	72.0	82.1	Variable.	92	57	16	10	NW.	8-40	.256	6.5
19	29.889	59.18	28.2	82.8	32.3	90.2	22.5	72.5	78.0	W.	118	73	13	8	W.	8-05		
20	29.833	57.74	27.6	81.7	33.1	91.5	23.2	73.8	81.0	Variable.	148	92	14	9	W.	4-40	.154	3.9
21	29.808	57.10	28.1	82.6	32.8	91.0	23.2	73.7	79.6	Variable.	160	99	18	11	SSE.	9-00		
22	29.828	57.63	28.2	82.8	32.9	91.2	22.8	73.0	80.6	SE.	146	91	14	9	SE.	7-00		
23	29.854	58.27	27.3	81.1	34.9	94.9	23.1	73.5	83.2	SE.	106	66	16	10	WSW.	6-25	.268	6.8
24	29.911	59.73	26.8	80.2	29.3	84.7	22.7	72.9	86.8	W.-WSW.	108	67	22	14	W.	0-50	.122	3.1
25	29.924	60.06	27.7	81.9	31.6	88.9	23.1	73.5	80.5	W.	186	116	27	17	N.	7-05	.465	11.8
26	29.883	59.02	26.4	79.5	30.6	87.0	22.8	73.1	87.8	WSW.	230	143	48	30	W. by S.	5-30	.287	7.3
27	29.833	57.75	26.5	79.7	29.4	85.0	22.1	71.7	85.1	WSW.	276	172	30	19	WSW.	7-00	.008	0.2
28	29.794	56.75	27.8	82.0	31.4	88.6	23.3	73.9	80.6	SW.-W.	128	80	18	11	SW.	5-20	.051	1.3
29	29.814	57.26	27.8	82.0	32.3	90.2	22.7	72.9	79.5	W.-WSW.	100	62	11	7	S.	4-45		
30	29.834	57.77	26.6	79.9	30.5	86.9	22.8	73.1	86.5	WSW.	322	200	38	24	W. by N.	4-30	.461	11.7
Mean	29.857	758.35	27.4	81.4	31.9	89.4	22.8	73.1	82.3		136.3	84.7	17.6	11.0		5-45		
Total											4089	2540				172-35	5.894	149.7

ENS LIBRARY,
UNIV. OF MICH.
AUG

MONTHLY REPORT

OF THE

Board of Health for the Philippine Islands

AND

CITY OF MANILA.

OCTOBER, 1903.

TO THE HON. DEAN C. WORCESTER, SECRETARY OF THE INTERIOR.

Maj. E. C. CARTER, M. D., U. S. Army,
Commissioner of Public Health.

Capt. E. L. MUNSON, A. M., M. D., U. S. Army,
Assistant to Commissioner of Public Health.

H. D. OSGOOD, B. S.,
Sanitary Engineer for Philippine Islands.

T. R. MARSHALL, M. D.,
Chief Health Inspector.

P. C. FREER, M. D., Ph. D.,
Superintendent of Government Laboratories.

MANUEL GOMEZ MARTINEZ, M. D.,
Secretary Board of Health.

MANILA:
BUREAU OF PUBLIC PRINTING.
1904.

LETTER OF TRANSMITTAL.

DEPARTMENT OF THE INTERIOR,
BOARD OF HEALTH FOR THE PHILIPPINE ISLANDS,
OFFICE OF THE COMMISSIONER,
Manila, P. I., December 1, 1903.

SIR: I have the honor to make the following report of the operations of the Bureau of Health for the month of October, 1903:

The rate of mortality among the Filipinos during the month was nearly five times greater and among the Chinese nearly two and one-half times greater than the death rate among the combined American, Spanish, and other European population of Manila. These figures show the influence of the greater attention paid to matters of sanitation by the latter class of the population. The Filipinos can not, however, be held entirely responsible for the less favorable sanitary showing made by them, since they largely include the poorer classes of the population which are financially unable to provide themselves with sanitary conveniences and to live in good hygienic circumstances. It is therefore the duty of the authorities to provide such sanitary essentials as an abundant water supply, public latrines, washhouses, and sanitary tenements and to enforce such regulations as will prevent the overcrowding to which their poverty is continually impelling the poorer classes. These the sanitary authorities are making every effort to secure. Corresponding to the disproportionately high rate of mortality among the Filipinos the death rate is higher in those city districts having larger Filipino populations of the poorer class.

Of the total of 1,279 deaths, 654, or 51.8 per cent, occurred within the first year of life. Eliminating the question of cholera, not a case of which occurred within such period, this infant mortality would become 57.3 per cent of the total mortality during the month. To reduce this "slaughter of the innocents," a committee is now engaged in preparing a popular circular giving rules for the care of the newborn and the feeding of infants. A copy of this circular will be placed in every house in the city in which there are children, and copies will be given to medical inspectors, private and municipal physicians, and midwives for distribution. A copy will also be sent to the parents of every infant whose birth is reported to this office; and it is hoped also that arrangements may be made by which every mother bringing her child to christening will be given a copy of this circular by the church authorities.

The deaths from some of the more principal diseases occurred during the month as follows: Infantile convulsions, 383; pulmonary tuberculosis, 110; cholera, 104; eclampsia, nonpuerperal, 72; acute bronchitis, 72; diarrhea and enteritis, 56; chronic bronchitis, 45; meningitis, 41; congenital debility, 35; beri-beri, 34; malarial fevers, 26; dysentery, 23; typhoid fever, 14; tetanus, 13; puerperal septicæmia, 9; acute nephritis, 7; asthma, 7; pneumonia, 5; bubonic plague, 2; smallpox, 0.

There were 8,435 vaccinations performed by public vaccinators in the city of Manila and 38,490 units of vaccine virus issued for use in Manila and in the provinces.

Inoculation of the Chinese population of Manila against plague was resumed during the month and will be completed by December 31. A list of every house in which plague has occurred in Manila during its existence in the four years past was prepared, and each such house and those in the immediate vicinity where several cases have occurred, reinspected and ordered put in good sanitary condition before December 31. Rat catchers have been ordered to devote special effort toward exterminating rats in houses in which plague has occurred in the present year and in those of their immediate vicinity.

Under the division of sanitary inspection a total of 56,040 inspections and reinspections of houses were made, 6,598 were cleaned as a result of sanitary orders, 46 painted or whitewashed, and 36 removed. There

were 2,282 yeards cleaned or improved. A total of 220 orders for the repair of buildings were complied with. Each street was visited an average of 25.8 times during the month. A total of 21,928 rats was destroyed by this Department in the prevention of plague.

During the month the Board of Health passed resolutions preventing the landing of sick or dead animals from vessels except under restrictions requiring immediate destruction. A committee was also appointed to draft plumbing ordinances for the city of Manila. The draft of a proposed ordinance regulating the manufacture and sale of bottled waters, drinks, and sweets was forwarded to the Municipal Board for enactment as a city ordinance. The situation in the city of Cebu being unsatisfactory from a sanitary standpoint, and it being apparent that the local authorities were not properly handling health matters in respect to the development of plague in that city, the Board of Health for the Philippine Islands exercised its powers under Act 157, section 3, Clause H, assumed direct control of all sanitary matters in that city under an executive committee of five physicians appointed by it, and applied the ordinances of the city of Manila relating to infectious diseases and bubonic plague, with slight modifications, to the city of Cebu. This action by the Board of Health was approved by the honorable Commission, which also appropriated funds to facilitate the necessary sanitary work. During the month a satisfactory arrangement was made with the military authorities in respect to the disinterment of the remains of persons in the military service; and regulations were made for the immediate destruction of animals found to be infected with hemorrhagic septicæmia. A committee was appointed to make investigation of various southern islands as to their suitability for use by the Government for the reception and care of imported cattle and carabaos; a permanent dumping station for the scavenger barge *Pluto* was secured; certain changes in the ordinance regulating the installation of the pail-conservancy system was requested of the Municipal Board; and a resolution was passed looking to the establishment of a number of public wash-houses in Manila. A standard supply table was prepared for the municipal pharmacies, which will hereafter govern issues to these institutions.

Efficiency records were established during the month for all presidents of provincial and municipal boards of health, and hereafter reports will be called for as to the efficiency, aptitude, attention to duty, personal habits, and fitness for promotion of these officials. Municipal health officers will be reported upon twice yearly by presidents of provincial boards of health, after the securing by them of the opinions of the respective municipal presidents upon the efficiency of the officials in question. Presidents of provincial boards of health will be reported upon as to their efficiency by provincial governors and medical inspectors.

During the month a portable steam and formaldehyde disinfecting chamber, with boiler, mounted on two separate trucks, was ordered and should prove of much assistance in accomplishing the work of disinfection throughout the city.

Very respectfully,

E. L. Munson,
Captain and Assistant Surgeon, United States Army,
Acting Commissioner of Public Health.

The Acting Secretary of the Interior,
Manila, P. I.

Population of Manila.

[Preliminary rough count of census of 1903.]

Americans	4,389	Chinese	21,230
Filipinos	189,782	All others	895
Spanish	2,528		
Other Europeans	1,117	Total	219,941

Deaths Occurring During the Month of October.

Americans	6
Filipinos	1,138
Spaniards	4
Other Europeans	1
Chinese	65
All others	3
Total	1,217

Annual Death Rate per Thousand for the Month.

Americans	16.10
Filipinos	70.65
Spaniards	18.62
Other Europeans	10.54
Chinese	36.07
All others	39.49
Average	65.19

A Classified Report of all Deaths Occurring in Manila (including transient) During the Month of October, 1903.

Males.		Females.	
Married	144	Married	112
Widower	19	Widow	37
Single	119	Single	39
Boys	418	Girls	355
Condition not stated in certificate	29	Condition not stated in certificate	7
Total	729	Total	550
		Grand total	1,279

21 of above were stillbirths.

Number of deaths with medical attendance	585
Number of deaths without medical attendance	694
Total	1,279

Deaths by Age, including transients.

Under 30 days	117
30 days to 1 year	547
1 year to 2 years	38
2 years to 5 years	55
5 years to 10 years	15
11 years to 15 years	14
16 years to 20 years	35
21 years to 25 years	63
26 years to 30 years	80
31 years to 40 years	117
41 years to 50 years	69
51 years to 60 years	50
61 years to 70 years	40
71 years to 80 years	14
81 years to 90 years	13
91 years to 100 years	7
101 years and above	3
Unknown	2
Total	1,279

Deaths by Districts, including transients.

Districts.	Population.	Deaths.
Walled City	11,463	60
Binondo	16,613	91
San Nicolas	29,059	102
Tondo	39,045	362
Santa Cruz	35,040	146
Quiapo	11,149	68
Sampaloc	18,779	141
San Miguel	8,838	57
Paco	6,725	71
Ermita	12,226	28
Malate	8,858	46
Pandacan	2,990	25
Santa Ana	3,255	19
Transient residents	15,901	62
Unknown		1
Total		1,279

21 of above were stillbirths.

Comparative Mortality from January 1, 1900, to October 31, 1903.

Month.	1900.		1901.		1902.		1903.	
	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.
January	[1] 1,055	50.79	[1] 753	36.25	[1] 760	36.58	[1] 602	28.98
February	[1] 884	47.11	[1] 689	36.72	[1] 706	37.63	[1] 511	27.23
March	[1] 887	42.70	[1] 885	42.66	[1] 770	37.06	[1] 539	25.94
April	[1] 805	40.04	[1] 886	44.07	[1] 1,327	66.01	[1] 549	27.31
May	[1] 732	35.24	[1] 903	43.47	[1] 1,688	81.26	[1] 770	37.06
June	[1] 599	29.79	[1] 621	30.89	[1] 1,418	70.54	[1] 592	29.45
July	[1] 787	37.88	[1] 608	29.27	[1] 2,223	107.02	[2] 620	33.21
August	[1] 825	39.71	[1] 702	33.79	[1] 1,712	82.42	[2] 862	46.17
September	[1] 1,027	50.01	[1] 767	38.15	[1] 1,132	56.31	[2] 1,228	67.97
October	[1] 961	46.23	[1] 855	41.16	[1] 927	44.62	[2] 1,217	65.19
November	[1] 976	48.48	[1] 848	42.18	[1] 1,035	51.48		
December	[1] 905	43.54	[1] 858	41.30	[1] 753	36.25		

[1] Death rate computed on population of 244,732 (Health Department's census).
[2] Death rate computed on population of 219,941 (census 1903).

CAUSES OF DEATHS FOR THE MONTH OF OCTOBER, 1903.

(STILLBIRTHS NOT INCLUDED.)

	NOMENCLATURE DESIGNED FOR THE STATISTICS OF DEATH.	NOMENCLATURA PARA LAS ESTADÍSTICAS DE DEFUNCIONES.	Americans.		Europeans.		Filipinos.		Chinese.		Total.
			M.	F.	M.	F.	M.	F.	M.	F.	
	I. General Diseases.	**I. Enfermedades Generales.**									
1	Typhoid fever (abdominal typhus)	Fiebre tifoidea					5	8	1		14
2	Exanthematic typhus	Tifus exantemático									
3	Recurrent fever	Fiebre recurrente									
4	Intermittent fever, and malarial cachexia	Fiebre intermitente					9	9	2	1	21
4a	Malarial cachexia	Caquexia palúdica					5				5
5	Variola	Viruelas									
6	Measles	Sarampión						1			1
7	Scarlatina	Escarlatina									
8	Whooping cough	Tos ferina									
9	Diphtheria and croup	Difteria y crup									
9a	Diphtheria	Difteria									
10	Grippe	Gripe									
11	Miliary fever	Fiebre miliar									
12	Asiatic cholera	Cólera asiático	1		2		54	46	1		104
13	Cholera, nostras	Cólera nostras									
14	Dysentery	Disentería					9	6	8		23
14a	Epidemic dysentery	Disentería epidémica									
15	Plague	Peste							2		2
16	Yellow fever	Fiebre amarilla									
17	Leprosy	Lepra					1				1
18	Erysipelas	Erisipelas							1		1
19	Other epidemic affections (beri-beri)	Otras afecciones epidémicas (beri-beri)					16	9	9		34
20	Purulent infection and septicæmia	Infección purulenta y septicemia									
21	Glanders and farcy	Muermo y lamparones									
22	Malignant pustule and anthrax	Pústula maligna y antrax					1				1
23	Rabies	Rabia									
24	Actinomycosis, trichinosis, etc	Actinomicosis, trichinosis, etc									
25	Pellagra	Pelagra									
26	Tuberculosis of larynx	Tuberculosis de la laringe							1		1
27	Tuberculosis of lungs	Tuberculosis del pulmón			1		53	42	14		110
28	Tuberculosis of meninges	Tuberculosis de las meninges						1			1
29	Tuberculosis of abdomen	Tuberculosis abdominal						1			1
30	Pott's disease	Mal de Pott									
31	Cold abscess and abscess by congestion	Abscesos fríos y por congestión									
32	White swellings	Tumores blancos									
33	Tuberculosis of other organs	Tuberculosis de otros órganos									
34	Generalized tuberculosis	Tuberculosis generalizada							1		1
35	Scrofula	Escrófula					1	2			3
36	Syphilis	Sífilis							1		1
37	Gonorrhea of the adult	Blenorragia en los adultos									
38	Gonococcic infections of children	Afecciones gonocócicas en los niños									
39	Cancer and other malignant tumors of the buccal cavity.	Cáncer ú otros tumores malignos en la cavidad bucal									
40	Cancer and other malignant tumors of the stomach and liver.	Cáncer ú otros tumores malignos del estómago é hígado.						1			1
41	Cancer and other malignant tumors of peritoneum, intestines, and rectum.	Cáncer ú otros tumores malignos del peritoneo, intestinos y recto.									
42	Cancer and other malignant tumors of the female genitals.	Cáncer ú otros tumores malignos de los órganos genitales de la mujer.				1					1
43	Cancer and other malignant tumors of the breast	Cáncer ú otros tumores malignos de la mama									
44	Cancer and other malignant tumors of the skin	Cáncer ú otros tumores malignos de la piel									
45	Cancer and other malignant tumors of other organs and organs not specified.	Cáncer ú otros tumores malignos en otros órganos									
46	Other tumors (tumors of the female genitals excepted)	Otros tumores (exceptuándose los de los órganos genitales de la mujer).									
47	Acute articular rheumatism	Reumatismo articular agudo					1				1
48	Chronic rheumatism, and gout	Reumatismo crónico y gota					2	1			3
49	Scurvy	Escorbuto									
50	Diabetes	Diabetes									
51	Exophthalmic goiter	Bocio exoftálmico									
52	Addisson's disease	Enfermedad bronceada de Addison									
53	Leukæmia	Leucemia									
54	Anæmia, chlorosis	Anemia, clorosis						1			1
55	Other general diseases	Otras enfermedades generales						1			1
56	Acute alcoholism or chronic	Alcoholismo agudo ó crónico	1				1				2
57	Lead poisoning	Saturnismo									
58	Other poisonings incident to occupations	Otras intoxicaciones profesionales crónicas									
59	Other chronic poisonings	Otros envenenamientos crónicos									
	II. Diseases of the Nervous System and the Organs of Special Sense.	**II. Enfermedades del Sistema Nervioso y de los Órganos de los Sentidos.**									
60	Encephalitis	Encefalitis					1	1			2
61	Simple meningitis	Meningitis simple			1		23	16	1		41
61a	Epidemic cerebro-spinal meningitis	Meningitis cérebro-espinal epidémica									
62	Progressive locomotor ataxia	Ataxia locomotriz progresiva									
63	Other diseases of the spinal cord	Otras enfermedades de la médula espinal									
64	Cerebral congestion and hemorrhage	Congestión y hemorragia cerebrales					5	6			11
65	Cerebral softening	Reblandecimiento cerebral					2				2
66	Paralysis without apparent cause	Parálisis sin indicación de causa									
67	General paralysis	Parálisis generales					3	3	2		8

	NOMENCLATURE DESIGNED FOR THE STATISTICS OF DEAHT.	NOMENCLATURA PARA LAS ESTADÍSTICAS DE DEFUNCIONES.	Americans. M.	Americans. F.	Europeans. M.	Europeans. F.	Filipinos. M.	Filipinos. F.	Chinese. M.	Chinese. F.	Total.
	II.—Diseases of the Nervous System and the Organs of Special Sense—Continued.	**II.—Enfermedades del Sistema Nervioso y de los Órganos de los Sentidos—Continuación.**									
68	Other forms of insanity	Otras formas de alienación mental							1		1
69	Epilepsy	Epilepsia									
70	Eclampsia (nonpuerperal)	Eclampsia (no puerperal)				1	44	27			72
71	Convulsions of children	Convulsiones en los niños					210	172	1		383
72	Tetanus	Tétano					6	7			13
73	Chorea	Corea									
74	Other diseases of the nervous system	Otras enfermedades del sistema nervioso					1	2			3
75	Diseases of the eye and its adnexa	Enfermedades de ojos y sus anexos									
76	Diseases of the ear	Enfermedades de los oídos									
	III.	**III.**									
	Diseases of the Circulatory System.	**Enfermedades del Aparato Circulatorio.**									
77	Pericarditis	Pericarditis									
78	Acute endocarditis	Endocarditis aguda					2				2
79	Organic disease of the heart	Enfermedades orgánicas del corazón					1	4	4		9
80	Angina pectoris	Angina de pecho					6	6			12
81	Affections of the arteries (atheroma, aneurism, etc.)	Afecciones de las arterias, etc					1				1
82	Embolus and thrombosis	Embolia y trombosis									
83	Affections of the veins (varices, hemorrhoides, phlebitis).	Afecciones de las venas									
84	Affections of the lymphatic system (lymphangitis, etc.).	Afecciones del sistema linfático									
85	Hemorrhages	Hemorragias						1			1
86	Other affections of the circulatory system	Otras afecciones del aparato circulatorio									
	IV.	**IV.**									
	Diseases of the Respiratory System.	**Enfermedades del Aparato Respiratorio.**									
87	Diseases of the nasal fossæ	Enfermedades de las fosas nasales									
88	Affections of the larynx	Afecciones de la laringe					1				1
89	Affections of the thyroid body	Afecciones del cuerpo tiroideo									
90	Acute bronchitis	Bronquitis aguda					37	34		1	72
91	Chronic bronchitis	Bronquitis crónica					12	28	5		45
92	Broncho-pneumonia	Bronco-pneumonía						2			2
93	Pneumonia	Pneumonía	1				2	2			5
94	Pleurisy	Pleuresía									
95	Pulmonary congestion and apoplexy	Congestion y apoplegía pulmonares					1				1
96	Gangrene of the lungs	Gangrena del pulmón									
97	Asthma	Asma					2	3	2		7
98	Pulmonary emphysema	Enfisema pulmonar						1			1
99	Other diseases of the respiratory system (phthisis excepted).	Otras enfermedades del aparato respiratorio (exceptuándose la tisis).									
	V.	**V.**									
	Diseases of Digestive System.	**Enfermedades del Aparato Digestivo.**									
100	Affections of the mouth and its adnexa	Afecciones de la boca y de sus anexos					1				1
101	Affections of the pharynx	Afecciones de la faringe									
102	Affections of the esophagus	Afecciones del esófago									
103	Ulcer of the stomach	Ulcera del estómago						1			1
104	Other affections of the stomach (cancer excepted)	Otras afecciones del estómago (exceptuándose el cáncer).					6	5			11
105	Diarrhea and enteritis (under two years)	Diarrea y enteritis (en niños menores de 2 años)	1				4	5			10
105a	Chronic diarrhea and enteritis	Diarrea y enteritis crónica					27	17	1		45
106	Diarrhea and enteritis (two years and over)	Diarrea y enteritis (2 ó más años)						1			1
107	Intestinal parasites	Parásitos intestinales					2				2
108	Hernias; intestinal obstructions	Hernias; obstrucciones intestinales					1				1
109	Other affections of the intestines	Otras afecciones del intestino									
110	Acute yellow atrophy of the liver	Ictericia grave					2		1		3
111	Hydatid tumors of the liver	Tumores hidátidicos del hígado									
112	Cirrhosis of the liver	Cirrosis del hígado					2				2
113	Biliary calculi	Cálculos biliares					1				1
114	Other affections of the liver	Otras afecciones del hígado					1	1			2
115	Affections of the spleen	Afecciones del bazo									
116	Simple peritonitis (puerperal excepted)	Peritonitis simple (exceptuándose la puerperal)					2	1			3
117	Other affections of the digestive system (cancer and tuberculosis excepted).	Otras afecciones del aparato digestivo (exceptuándose el cáncer y tuberculosis).									
119	Appendicitis and abscess of the iliac fossa	Apendicitis y flemón de la fosa iliaca									
	VI.	**VI.**									
	Diseases of the Genito-Urinary System and its Adnexa.	**Enfermedades del Aparato Génito Urinario y de sus Anexos.**									
119	Acute nephritis	Nefritis aguda					2	3	2		7
120	Bright's disease	Mal de Bright					2	1	1		4
121	Other diseases of the kidneys and their adnexa	Otras enfermedades de los riñones y de sus anexos									
122	Calculi of the urinary tract	Cálculos de las vías urinarias									
123	Diseases of the bladder	Enfermedades de la vegiga									
124	Diseases of the urethra, urinary abscess, etc	Enfermedades de la uretra									
125	Diseases of the prostate	Enfermedades de la próstata									
126	Nonvenereal diseases of the male genital organs	Enfermedades no venereas de los órganos genitales del hombre.									
127	Metritis	Metritis									
128	Uterine hemorrhage (nonpuerperal)	Hemorragia uterina (no puerperal)									
129	Tumor, uterine (noncancerous)	Tumor uterino (no canceroso)									
130	Other diseases of the uterus	Otras enfermedades del útero									
131	Cysts and other tumors of the ovary	Quistes y otros tumores del ovario									
132	Other diseases of the female genital organs	Otras enfermedades de los órganos genitales de la mujer.									
133	Nonpuerperal diseases of the breast (cancer excepted).	Enfermedades no puerperales de la mama (exceptuándose el cáncer).									

	NOMENCLATURE DESIGNED FOR THE STATISTICS OF DEATH.	NOMENCLATURA PARA LAS ESTADÍSTICAS DE DEFUNCIONES.	Americans.		Europeans.		Filipinos.		Chinese.		Total.
			M.	F.	M.	F.	M.	F.	M.	F.	
	VII.	**VII.**									
	The Puerperal State.	**Estado Puerperal.**									
134	Accidents of pregnancy	Accidentes de la prefiez									
135	Puerperal hemorrhage	Hemorragia puerperal						7			7
136	Other accidents of labor	Otros accidentes del parto									
137	Puerperal septicæmia	Septicemia puerperal						9			9
138	Albuminuria and puerperal eclampsia	Albuminuria y eclampsia puerperales						1			1
139	Puerperal phlegmasia alba dolens	Flegmasia alba dolens puerperal									
140	Other puerperal accidents—sudden death	Otros accidentes puerperales—muerte repentina									
141	Puerperal diseases of the breast	Enfermedades puerperales de la mama									
	VIII.	**VIII.**									
	Diseases of the Skin and Cellular Tissue.	**Enfermedades de la Piel y del Tejido Celular.**									
142	Gangrene	Gangrena									
143	Furuncle	Forúnculo									
144	Warm-acute abscess	Abscesos calientes agudos									
145	Other diseases of the skin and its adnexa	Otras enfermedades de la piel									
	IX.	**IX.**									
	Diseases of the Organs of Locomotion.	**Enfermedades de los Órganos de la Locomoción.**									
146	Affections of the bones (nontuberculous)	Afecciones de los huesos (exceptuando la tuberculosis)									
147	Diseases of the joints (tuberculosis and rheumatism excepted).	Afecciones de las articulaciones (exceptuando la tuberculosis y el reumatismo).									
148	Amputation	Amputación									
149	Other affections of the organs of locomotion	Otras afecciones de los órganos de la locomoción									
	X.	**X.**									
	Malformations.	**Vicios de Conformación.**									
150	Congenital malformations (stillbirths excepted)	Vicios de conformación congénitos (exceptuándose los de niños nacidos muertos).									
	XI.	**XI.**									
	Early Infancy.	**Primera Infancia.**									
151	Congenital debility, icterus and sclerema	Debilidad congénita, ictericia y esclerema					17	18			35
152	Other special diseases of early infancy	Otras enfermedades especiales de la primera edad					2	4			6
153	Lack of care	Falta de cuidados					1				1
	XII.	**XII.**									
	Old Age.	**Vejez.**									
154	Senile debility	Debilidad senil					5	15			20
	XIII.	**XIII.**									
	Affections Produced by External Causes.	**Afecciones Producidas por Causas Exteriores.**									
155	Suicide by poison	Suicidio por envenenamiento									
156	Suicide by asphyxia	Suicidio por asfixia									
157	Suicide by hanging or strangulation	Suicidio por suspensión ó por estrangulación									
158	Suicide by submersion	Suicidio por submersión									
159	Suicide by firearms	Suicidio por armas de fuego									
160	Suicide by cutting instruments	Suicidio por instrumentos cortantes									
161	Suicide by jumping from high place	Suicidio por dejarse caer desde un punto elevado									
162	Suicide by crushing	Suicidio por aplastamiento									
163	Other suicides	Otros suicidios									
164	Fractures	Fracturas	1				1				2
165	Dislocations	Luxaciones									
166	Other accidental traumatisms	Otros traumatismos accidentales	1				2				3
167	Burns	Quemaduras por el fuego					1			1	2
168	Burning by corrosive substances	Quemaduras por substancias corrosivas									
169	Insolation	Insolación									
170	Freezing	Congelación									
171	Electrical shocks	Conmoción eléctrica									
172	Accidental submersion	Submersión accidental					3		1		4
173	Inanition	Inanición									
174	Inhalation of deleterious gases (suicide excepted)	Absorción de gases deletéreos									
175	Other acute poisonings	Otros envenenamientos agudos									
176	Other external violence	Otras violencias exteriores									
	XIV.	**XIV.**									
	Ill-Defined Diseases.	**Enfermedades mal Definidas.**									
177	Dropsy	Hidropesía							1		1
178	Sudden death	Muerte repentina									
179	Unspecified or ill-defined causes of death	Causas de muerte no especificadas ó mal definidas					2				2
	Total		6		4	2	605	533	64	3	1217
	Grand total		6		6		1138		67		1217

NUMBER OF DEATHS BY RACE, SEX, AND AGE.

CAUSE OF DEATH.	Less than one day to thirty days.								From thirty days to one year.								From one to five years.								From five to ten years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
I.																																
General Diseases.																																
1. Typhoid fever (abdominal typhus)																						1							1			
4. Intermittent fever and malarial cachexia													3	5							2								1			
4a. Malarial cachexia																					1								1			
6. Measles																						1										
8. Whooping cough																																
9. Diphtheria and croup																																
10. Grippe																																
12. Cholera, Asiatic																					2	6							2			
14. Dysentery														1							1	1	1									
15. Plague																																
17. Leprosy																																
18. Erysipelas																																
19. Other epidemic affections																																
22. Malignant pustule and charbon (anthrax)																																
26. Tuberculosis of larynx																																
27. Tuberculosis of lungs																													1			
28. Tuberculosis of meninges														1																		
29. Tuberculosis, abdominal																																
33. Tuberculosis of other organs																																
34. Generalized tuberculosis																																
35. Scrofula																						1								1		
36. Syphilis																																
40. Cancer and other malignant tumors of the stomach and liver																																
42. Cancer and other malignant tumors of the female genitals																																
47. Acute articular rheumatism																																
48. Chronic rheumatism and gout																																
49. Scurvy																																
50. Diabetes																																
54. Anæmia chlorosis																																
55. Other general diseases														1																		
56. Acute alcoholism, or chronic																																
II.																																
Diseases of the Nervous System and the Organs of Special Sense.																																
60. Encephalitis																																
61. Meningitis, simple											1		12	10							8	3	1						2	2		
62. Progressive locomotor ataxia																																
63. Other diseases of the spinal cord																																
64. Cerebral congestion and hemorrhage																																
65. Cerebral softening																																
67. General paralysis																																
68. Other forms of insanity																																
69. Epilepsy																																
70. Eclampsia (nonpuerperal)					25	15							19	12																		
71. Convulsions of children					66	45							141	126	1						3	1										
72. Tetanus					4	6																										
74. Other diseases of the nervous system																						2										
III.																																
Diseases of the Circulatory System.																																
78. Acute endocarditis																																
79. Organic disease of the heart																																
80. Angina pectoris																																
81. Affections of the arteries (atheroma, aneurism, etc.)																																
85. Hemorrhages																																
86. Other affections of the circulatory system																																
IV.																																
Diseases of the Respiratory System.																																
88. Affections of the larynx													1																			
90. Acute bronchitis					4	2							32	31							1	1		1								
91. Chronic bronchitis													9	19							2											
92. Broncho-pneumonia														1																		
93. Pneumonia									1					2																		
95. Pulmonary congestion and apoplexy																																
97. Asthma																																
98. Pulmonary emphysema																																
V.																																
Diseases of the Digestive System.																																
100. Affections of the mouth and its adnexa																					1											
101. Affections of the pharynx																																
103. Ulcer of the stomach																																
104. Other affections of the stomach (cancer excepted)													2	4							4	1										
105. Diarrhea and enteritis (under 2 years)	1												4	2								3										
105a. Diarrhea and enteritis, chronic						1							8	7							16	8									1	
106. Diarrhea and enteritis (2 years and over)																						1										
107. Intestinal parasites																					1								1			
108. Hernias: Intestinal obstructions													1																			

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	Less than one day to thirty days.								From thirty days to one year.								From one to five years.								From five to ten years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
V. Diseases of the Digestive System—Cont.																																
110. Acute yellow atrophy of the liver																																
112. Cirrhosis of the liver																																
113. Biliary calculi													1																			
114. Other affections of the liver																																
116. Simple peritonitis (puerperal excepted)																														1		
118. Appendicitis and abscess of the iliac fossa																																
VI. Diseases of the Genito-Urinary System and its Adnexa.																																
119. Acute nephritis																					1											
120. Bright's disease																																
121. Other diseases of the kidneys and their adnexa																																
128. Uterine hemorrhage (nonpuerperal)																																
VII. The Puerperal State.																																
135. Puerperal hemorrhage																																
136. Other accidents of labor																																
137. Puerperal septicemia																																
138. Albuminuria and puerperal eclampsia																																
X. Malformations.																																
150. Congenital malformations (stillbirths excepted)																																
XI. Early Infancy.																																
151. Congenital debility, icterus, and sclerema					15	16							2	2																		
152. Other special diseases of early infancy														2							2	2										
153. Lack of care					1																											
XII. Old Age.																																
154. Senile debility																																
XIII. Affections Produced by External Causes.																																
159. Suicide by firearms																																
160. Suicide by cutting instruments																																
164. Fractures																													1			
166. Other accidental traumatisms																																
167. Burns																																
172. Accidental submersion																					1											
176. Other external violence																																
XIV. Ill-Defined Diseases.																																
177. Dropsy																																
179. Unspecified or ill-defined causes of death																																
Total	1				115	85			1		1		235	226	1						46	32	2	1					10	4	1	
Grand total	1				200				1		1		461		1						78		3						14		1	

CAUSE OF DEATH.	From ten to fifteen years.								From fifteen to twenty years.								From twenty to twenty-five years.								From twenty-five to thirty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
I. General Diseases.																																
1. Typhoid fever (abdominal typhus)						3								1							1	1							2			
4. Intermittent fever and malarial cachexia																1					1	3										
4a. Malarial cachexia													1																			
6. Measles																																
8. Whooping cough																																
9. Diphtheria and croup																																
10. Grippe																																
12. Cholera, Asiatic					1	3							7	7							7	8			1				9	4	1	
14. Dysentery					1																	1							1	2	1	
15. Plague															1								1									
17. Leprosy													1																			
18. Erysipelas																																
19. Other epidemic affections					1	1							4	1							2	1	1						1	4	1	
22. Malignant pustule and charbon (anthrax)																																
26. Tuberculosis of larynx																																

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From ten to fifteen years.								From fifteen to twenty years.								From twenty to twenty-five years.								From twenty-five to thirty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
I. General Diseases—Continued.																																
27. Tuberculosis of lungs					1	1					1		4	7							7	7	1						12	5	2	
28. Tuberculosis of meninges																																
29. Tuberculosis, abdominal														1																		
33. Tuberculosis of other organs																																
34. Generalized tuberculosis																																
35. Scrofula													1																			
36. Syphilis																							1									
40. Cancer and other malignant tumors of the stomach and liver																																
42. Cancer and other malignant tumors of the female genitals																																
47. Acute articular rheumatism																																
48. Chronic rheumatism and gout														1																		
54. Anæmia chlorosis																																
55. Other general diseases																																
56. Acute alcoholism, or chronic																									1							
II. Diseases of the Nervous System and the Organs of Special Sense.																																
60. Encephalitis																																
61. Meningitis, simple					1	1																										
63. Other diseases of the spinal cord																																
64. Cerebral congestion and hemorrhage														1																		
65. Cerebral softening																																
67. General paralysis																						1									2	
68. Other forms of insanity																																
69. Epilepsy																																
70. Eclampsia (nonpuerperal)																											1					
71. Convulsions of children																																
72. Tetanus					1																								1	1		
74. Other diseases of the nervous system																																
III. Diseases of the Circulatory System.																																
78. Acute endocarditis																													1			
79. Organic disease of the heart																						1	1						1	1	1	
80. Angina pectoris														1															1	4		
81. Affections of the arteries (atheroma aneurism, etc.)																																
85. Hemorrhages																														1		
86. Acute endocarditis																																
IV. Diseases of the Respiratory System.																																
88. Affections of the larynx																																
90. Acute bronchitis																																
91. Chronic bronchitis														1																		
92. Broncho-pneumonia																						1										
93. Pneumonia													1								1											
94. Pleurisy																																
95 Pulmonary congestion and apoplexy																																
97. Asthma																						1										
98. Pulmonary empysema																						1										
V. Diseases of the Digestive System.																																
100. Affections of the mouth and its adnexa																																
101. Affections of the pharynx																																
103. Ulcer of the stomach																																
104. Other affections of the stomach (cancer excepted)																																
105. Diarrhea and enteritis (under 2 years)																																
105a. Diarrhea and enteritis, chronic																														1		
106. Diarrhea and enteritis (2 years and over)																																
107. Intestinal parasites																																
108. Hernias: Intestinal obstructions																																
110. Acute yellow atrophy of the liver																													1		1	
112. Cirrhosis of the liver																																
113. Biliary calculi																																
114. Other affections of the liver																													1			
116. Simple peritonitis (puerperal excepted)					1																											
117. Other affections of the digestive system (cancer and tuberculosis excepted)																																
118. Appendicitis and abscess of the iliac fossa																																
VI. Diseases of the Genito-Urinary System and its Adnexa.																																
119. Acute nephritis						1																										
120. Bright's disease													1																			
121. Other diseases of the kidneys and their adnexa																																
128. Uterine hemorrhage (nonpuerperal)																																

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From ten to fifteen years.								From fifteen to twenty years.								From twenty to twenty-five years.								From twenty-five to thirty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
VII.																																
The Puerperal State.																																
135 Puerperal hemorrhage																					4									1		
137. Puerperal septicæmia																					2									5		
138. Albuminuria and puerperal eclampsia																														1		
X.																																
Diseases of the Skin and Cellular Tissue.																																
145. Other diseases of the skin and its adnexa																																
XI.																																
Early Infancy.																																
151. Congenital debility, icterus, and sclerema																																
152. Other special diseases of early infancy																																
153. Lack of care																																
XII.																																
Old Age.																																
154. Senile debility																																
XIII.																																
Affections Produced by External Causes.																																
164. Fractures																																
166. Other accidental traumatisms																	1				1											
167. Burns							1																									
172. Accidental submersion																													1			
173. Inanition																																
175. Other acute poisonings																																
176. Other external violence																																
XIV.																																
Ill-Defined Diseases.																																
177. Dropsy																																
179. Unspecified or ill-defined causes of death																																
Total					7	10		1			1		20	21	1	1	1				20	32	5		2			1	32	30	9	
Grand total					17		1				1		41		2		1				52		5		2		1		62		9	

CAUSE OF DEATH.	From thirty to thirty-five years.								From thirty-five to forty years.								From forty to forty-five years.								From forty-five to fifty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
I.																																
General Diseases.																																
1. Typhoid fever (abdominal typhus)					1		1															1								1		
4. Intermittent fever and malarial cachexia													2										1							1		
4a. Malarial cachexia																																
6. Measles																																
10. Grippe																																
12. Cholera, Asiatic			1		4	3							8	4							1	3					1		4	3		
14. Dysentery					2	1	1						1		3								1						1		1	
15. Plague																																
17. Leprosy																																
18. Erysipelas																															1	
19. Other epidemic affections					2	1	2							1	4						1		1						2			
20. Purulent infection and septicæmia																																
22. Malignant pustule and charbon (anthrax)																																
26. Tuberculosis of larynx																															1	
27. Tuberculosis of lungs					7	9	2						5	6	4						1	2	1						5	2	3	
28. Tuberculosis of meninges																																
29. Tuberculosis, abdominal																																
31. Cold abscess and abscess by congestion																																
34. Generalized tuberculosis															1																	
35. Scrofula																																
36. Syphilis																																
40. Cancer and other malignant tumors of the stomach and liver																																
42. Cancer and other malignant tumors of the female genitals																				1												
47. Acute articular rheumatism					1																											
48. Chronic rheumatism and gout																																
49. Scurvy																																
50. Diabetes																																
54. Anæmia chlorosis																						1										
55. Other general diseases																																
56. Acute alcoholism, or chronic																													1			

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From thirty to thirty-five years.								From thirty-five to forty years.								From forty to forty-five years.								From forty-five to fifty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
II. Diseases of the Nervous System and the Organs of Special Sense.																																
60. Encephalitis																																
61. Meningitis, simple																																
62. Progressive locomotor ataxia																																
64. Cerebral congestion and hemorrhage						1															1											
65. Cerebral softening																																
67. General paralysis																														1		
68. Other forms of insanity							1																									
69. Epilepsy																																
70. Eclampsia (nonpuerperal)																																
71. Convulsions of children																																
72. Tetanus																																
74. Other diseases of the nervous system					1																											
III. Diseases of the Circulatory System.																																
78. Acute endocarditis																																
79. Organic disease of the heart						1	1								1																	
80. Angina pectoris					1								2								1											
81. Affections of the arteries (atheroma, aneurism, etc.)																																
85. Hemorrhages																																
86. Other affections of the circulatory system																																
IV. Diseases of the Respiratory System.																																
88. Affections of the larynx																																
90. Acute bronchitis																																
91. Chronic bronchitis															1															1		
92. Broncho-pneumonia																																
93. Pneumonia																																
94. Pleurisy																																
95. Pulmonary congestion and apoplexy													1																			
97. Asthma							1								1															1		
98. Pulmonary emphysema																																
V. Diseases of the Digestive System.																																
100. Affections of the mouth and its adnexa																																
103. Ulcer of the stomach																																
104. Other affections of the stomach (cancer excepted)																																
105. Diarrhea and enteritis (under 2 years)																																
105a. Diarrhea and enteritis, chronic																																
106. Diarrhea and enteritis (2 years and over)																																
107. Intestinal parasites																																
108. Hernias: Intestinal obstructions																																
110. Acute yellow atrophy of the liver																					1											
112. Cirrhosis of the liver																																
113. Biliary calculi																																
114. Other affections of the liver						1																										
116. Simple peritonitis (puerperal excepted)													1																			
117. Other affections of the digestive system (cancer and tuberculosis excepted)																																
118. Appendicitis and abscess of the iliac fossa																																
VI. Diseases of the Genito-Urinary System and its Adnexa.																																
119. Acute nephritis							1								1														1			
120. Bright's disease							1														1											
121. Other diseases of the kineys and their adnexa																																
128. Uterine hemorrhage (nonpuerperal)																																
VII. The Puerperal State.																																
135. Puerperal hemorrhage						2																										
136. Other accidents of labor																																
137. Puerperal septicæmia						1								1																		
138. Albuminuria and puerperal eclampsia																																
X. Diseases of the Skin and Cellular Tissue.																																
145. Other diseases of the skin and its adnexa																																
XI. Early Infancy.																																
151. Congenital debility, icterus, and sclerema																																
152. Other special diseases of early infancy																																
153. Lack of care																																
XII. Old Age.																																
154. Senile debility																																

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From thirty to thirty-five years.								From thirty-five to forty years.								From forty to forty-five years.								From forty-five to fifty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
XIII.																																
Affections Produced by External Causes.																																
164. Fractures																																
166. Other accidental traumatisms																													1			
167. Burns													1																			
172. Accidental submersion															1																	
173. Inanition																																
175. Other acute poisonings																																
176. Other external violence																																
XIV.																																
Ill-Defined Diseases.																																
177. Dropsy															1																	
179. Unspecified or ill-defined causes of death													1																			
Total			1		19	20	11						22	12	18				1		7	7	4				1		15	10	6	
Grand total			1		39		11						34		18				1		14		4				1		25		6	

CAUSE OF DEATH.	From fifty upward.								Unknown.								Total.								Grand total.
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
I.																									
General Diseases.																									
1. Typhoid fever (abdominal typhus)																					5	8	1		14
4. Intermittent fever and malarial cachexia							1														9	9	2	1	21
4a. Malarial cachexia					2																5				5
6. Measles																						1			1
8. Whooping cough																									
9. Diphtheria and croup																									
10. Grippe																									
12. Cholera, Asiatic					9	5											1		2		54	46	1		104
14. Dysentery					2																9	6	8		23
15. Plague																							2		2
17. Leprosy																					1				1
18. Erysipelas																							1		1
19. Other epidemic affections					3																16	9	9		34
22. Malignant pustule and charbon (anthrax)					1																1				1
26. Tuberculosis of larynx																							1		1
27. Tuberculosis of lungs					10	3	1												1		53	42	14		110
28 Tuberculosis of meninges																						1			1
29. Tuberculosis, abdominal																						1			1
33. Tuberculosis of other organs																									
34. Generalized tuberculosis																							1		1
35. Scrofula																					1	2			3
36. Syphilis																							1		1
40. Cancer and other malignant tumors of the stomach and liver						1																1			1
42. Cancer and other malignant tumors of the female genitals																				1					1
47. Acute articular rheumatism																					1				1
48. Chronic rheumatism and gout					2																2	1			3
50. Diabetes																									
54. Anæmia chlorosis																						1			1
55. Other general diseases																						1			1
56. Acute alcoholism, or chronic																	1				1				2
II.																									
Diseases of the Nervous System and the Organs of Special Sense.																									
60. Encephalitis					1	1															1	1			2
61. Meningitis, simple																			1		23	16	1		41
63. Other diseases of the spinal cord																									
64. Cerebral congestion and hemorrhage					4	4															5	6			11
65. Cerebral softening					2																2				2
67. General paralysis					3	1															3	3	2		8
68. Other forms of insanity																							1		1
69. Epilepsy																									
70. Eclampsia (nonpuerperal)																				1	44	27			72
71. Convulsions of children																					210	172	1		383
72. Tetanus																					6	7			13
74. Other diseases of the nervous system																					1	2			3
III.																									
Diseases of the Circulatory System.																									
78. Acute endocarditis					1																2				2
79. Organic disease of the heart						1															1	4	4		9
80. Angina pectoris					1	1															6	6			12
81. Affections of the arteries (atheroma)					1																1				1
85. Hemorrhages																						1			1
86. Other affections of the circulatory system																									

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From fifty upward.								Unknown.								Total.								Grand total.
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
IV. Diseases of the Respiratory System.																									
88. Affections of the larynx																					1				1
90. Acute bronchitis																					37	34		1	72
91. Chronic bronchitis					1	7	4														12	28	5		45
92. Broncho-pneumonia																						2			2
93. Pneumonia																	1				2	2			5
95. Pulmonary congestion and apoplexy																					1				1
96. Gangrene of the lungs																									
97. Asthma					2	1															2	3	2		7
98. Pulmonary emphysema																						1			1
V. Diseases of the Digestive System.																									
100. Affections of the mouth and its adnexa																					1				1
101. Affections of the pharynx																									
103. Ulcer of the stomach						1																1			1
104. Other affections of the stomach (cancer excepted)																					6	5			11
105. Diarrhea and enteritis (under 2 years)																	1				4	5			10
105a. Diarrhea and enteritis, chronic					3																27	17	1		45
106. Diarrhea and enteritis (2 years and over)																						1			1
107. Intestinal parasites																					2				2
108. Hernias; Intestinal obstructions																					1				1
110. Acute yellow atrophy of the liver																					2		1		3
112. Cirrhosis of the liver					2																2				2
113. Biliary calculi																					1				1
114. Other affections of the liver																					1	1			2
116. Simple peritonitis (puerperal excepted)																					2	1			3
118. Appendicitis and abscess of the iliac fossa																									
VI. Diseases of the Genito-Urinary System and its Adnexa.																									
119. Acute nephritis						2															2	3	2		7
120. Bright's disease						1															2	1	1		4
123. Diseases of the bladder																									
128. Uterine hemorrhage (nonpuerperal)																									
129. Tumor uterine (noncancerous)																									
VII. The Puerperal State.																									
135. Puerperal hemorrhage																						7			7
136. Other accidents of labor																									
137. Puerperal septicemia																						9			9
138. Albuminuria and puerperal eclampsia																						1			1
X. Malformations.																									
150. Congenital malformations (stillbirths excepted)																									
XI. Early Infancy.																									
151. Congenital debility, icterus, and sclerema																					17	18			35
152. Other special diseases of early infancy																					2	4			6
153. Lack of care																					1				1
XII. Old Age.																									
154. Senile debility					5	15															5	15			20
XIII. Affections Produced by External Causes.																									
164. Fractures	1																1				1				2
166. Other accidental traumatisms																	1				2				3
167. Burns																					1			1	2
172. Accidental submersion													1								3		1		4
175. Other acute poisonings																									
176. Other external violence																									
XIV. Ill-Defined Diseases.																									
177. Dropsy																							1		1
179. Unspecified or ill-defined causes of death													1								2				2
Total	1				55	44	6						2				6		4	2	605	533	64	3	1,217
Grand total	1				99		6						2				6		6		1,138		67		1,217

Number of Deaths with Causes Occurring Among Transients in Manila During the Month of October. These Deaths Are Not Included in Preparing Death Rate of City.

			Americans.		Foreigners.		Filipinos.		Chinese.		Total.
			M.	F.	M.	F.	M.	F.	M.	F.	
	I. General Diseases.	**I. Enfermedades Generales.**									
1	Typhoid fever	Fiebre tifoidea					1				1
4	Intermittent fever	Fiebre intermitente					1				1
12	Asiatic cholera	Cólera asiático					10	1	1		12
14	Dysentery	Disenteria					3	1			4
19	Other epidemic affections (beri-beri)	Otras afecciones epidémicas (beri-beri)					3	2			5
27	Tuberculosis of lungs	Tuberculosis de los pulmones			1		6	1			8
40	Cancer and other malignant tumors of the stomach and liver.	Cáncer y otros tumores malignos del estómago y del hígado.			1						1
	II. Diseases of the Nervous System and the Organs of Special Sense.	**II. Enfermedades del Sistema Nervioso y otros Organos de los Sentidos Especiales.**									
61	Meningitis, simple	Meningitis simple					1				1
69	Epilepsy	Epilepsia						1			1
71	Convulsions of children	Convulsiones infantiles					1	6			7
	III. Diseases of the Circulatory System.	**III. Enfermedades del Aparato Circulatorio.**									
77	Pericarditis	Pericarditis					1				1
78	Acute endocarditis	Endocarditis aguda					1				1
79	Organic disease of the heart	Enfermedades orgánicas del corazón	1								1
82	Embolus and thrombosis	Embolia y trombosis			1						1
	IV. Diseases of the Respiratory System.	**IV. Enfermedades del Sistema Respiratorio.**									
90	Acute bronchitis	Bronquitis aguda					3				3
93	Pneumonia	Neumonia					5		1		6
	V. Diseases of Digestive System.	**V. Enfermedades del Aparato Digéstivo.**									
104	Other affections of the stomach (cancer excepted)	Otras afecciones del estómago exceptuando el cáncer			1						1
	VI. Diseases of the Genito-Urinary System and its adnexa.	**VI. Enfermedades del Aparato Genito Urinario y sus Anexos.**									
120	Bright's disease	Enfermedad de Bright					3				3
	VII. The Puerperal State.	**VII. Periodo puerperal.**									
137	Puerperal septicæmia	Septicemia puerperal						1			1
	XII. Old Age.	**XII. Vejez.**									
154	Senile debility	Debilidad senil					1				1
	XIII. Affections Produced by External Causes.	**XIII. Afecciones Producidas por Causas Externas.**									
172	Accidental submersion	Submersión accidental			1						1
173	Inanition	Inanición	1								1
	Total		2		5		40	13	2		62

Of the total number of deaths occurring during the month of October, 1903, 1,279, including transients, 786 were of persons less than 16 years of age. Of the remaining 493 adults of both sexes only 246, classed below, had definite occupations.

Females:	Number.
Laundresses	25
Seamstresses	25
Student	1
Shopkeepers	11
Cigarette makers	12
Laborer	3
Milliner	1
Servant	1
Embroiderers	1
Total	80

Males:	Number.
Laundrymen	3
Shopkeepers	2
Laborers	52
Farmers	3
Tailors	6

Males—Continued.	Number.
Coachmen	7
Fishermen	4
Bakers	4
Carriage maker	1
Messengers	2
Cooks	5
Silversmiths	4
Students	6
Servants	4
Clerks	18
Bookbinder	1
Blacksmiths	2
Merchants	6
Barber	1
Shoemakers	5
Photographer	1
Carpenters	4
Chair maker	1

Males—Continued.	Number.
Pansit dealer	1
Opium dealers	1
Sailors	6
Musicians	2
Fireman	1
Traders	4
Carriers	2
Sanitary employee	1

Males—Continued.	Number.
Sculptor	1
Cigar makers	2
Beggar	1
Barkeeper	1
Grave digger	1
Total	166
Grand total	246

Bilibid Prison Report of Deaths Occurring During the Month of October, 1903.

	Presidio.				Carcel.				Total.	Condition.			Cemeteries.	
	Filipinos.		Chinese.		Filipinos.		Chinese.							
	M.	F.	M.	F.	M.	F.	M.	F.		Single.	Married.	Widower.	Loma.	Chinese.
Malarial fever Aestivo autumnal					1				1					
Asiatic cholera	2				1				3					
Dysentery	1								1					
Tuberculosis of lungs	6				1				7					
Endocarditis					1				1	8	14	1	23	
Endopericarditis					1				1					
Pneumonia	2				4				6					
Chronic interstitial nephritis	1				1				2					
Senile debility					1				1					
Total	12				11				23	8	14	1	23	

Births Reported in October, 1903.

Americans	3
Filipinos	411
Spaniards	1
Other Europeans *	3
Chinese	2
All others	0
Total	420

* Incomplete.

Annual Birth Rate per Thousand for the Month.

Americans	8.05
Filipinos	25.51
Spaniards	4.65
Other Europeans	31.64
Chinese	1.10
All others	0
Average	22.49

Report of Sick and Wounded City Poor Attended by Municipal Physicians During the Month of October, 1903.

Sanitary districts and physicians.	Foreigners.				Filipinos.				Chinese.				Total.	Cured		Deaths.		Number of visits.
	Adult.		Children.		Adult.		Children.		Adult.		Children.							
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.		M.	F.	M.	F.	
Sanitary District No. 1, San Nicolas, Dr. V. Cavanna					16	7		5					28	7	6		1	157
Sanitary District No. 2, Tondo, Dr. V. Pantoja					8	13	6	6					33	5	9	9	5	120
Sanitary District No. 3, Quiapo, Dr. P. Gabriel					14	15	8	5					42	14	11	6	8	90
Sanitary District No. 4, Santa Cruz, Dr. C. Reyes					9	7	6	4	1				27	8	7	3	2	178
Sanitary District No. 5, Sampaloc, Dr. F. Castañeda					24	22	17	18					81	14	15	9	6	176
Sanitary District No. 6, Intramuros, Dr. R. Perramon	1				26	23	14	14					78	27	22	4	4	214
Sanitary District No. 7, Paco, Ermita, Malate, Pandacan, Sta. Ana, Dr. C. Mora					20	26	19	24					89	18	17	9	17	188
Total	1				117	113	70	76	1				378	93	87	40	43	1,123

Report of Prescriptions Filled at the Municipal Dispensary, Showing Districts, Sex, and Age of Persons to Whom Medicines Have Been Given During the Month.

	Americans.				Foreigners.				Filipinos.				Chinese.				Total.
	Adult.		Children.		Adult.		Children.		Adult.		Children.		Adult.		Children.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
Sanitary District No. 1, San Nicolas									15	6	9	5					35
Sanitary District No. 2, Tondo									3	7	2						12
Sanitary District No. 3, Quiapo									28	21	20	5					74
Sanitary District No. 4, Santa Cruz									34	13	12	5					64
Sanitary District No. 5, Sampaloc									72	35	40	30					177
Sanitary District No. 6, Intramuros									30	35	22	10					97
Sanitary District No. 7, Paco, Ermita, Malate									20	28	5	3					56
Total									202	145	110	58					515

Monthly Report of San Lazaro Hospital, Women's and Leper Departments, for October, 1903.

	Leper department.							Women's department.				
	Europeans.		Filipinos.		Chinese.		Total.	Americans.	Europeans.	Filipinas.	Japanese.	Total.
	M.	F.	M.	F.	M.	F.						
Number of patients in hospital at last report		1	118	83			202			50	25	75
Number of patients received during the month			4				4	1	7	46	51	105
Number of patients discharged			1				1	1	4	52	48	105
Number of deaths			1				1					
Number of patients remaining in hospital		1	120	83			204		3	44	28	75

General Inspection of Houses, Premises, Vaults, etc., with Improvements Ordered, Disinfected, Whitewashed, Cleaned, etc., by Medical Inspectors, Chief Sanitary Inspectors, and Sanitary Inspectors, for the Month of October, 1903.

1.	Houses inspected by the Chief Sanitary Inspector	3,456	26. Number of cholera cases reported by sanitary inspectors	18
2.	Houses reinspected for verification of work ordered	821	27. Number of cholera cases reported by Auxiliary Advisory Board	24
3.	Houses inspected by sanitary inspectors	42,560	28. Number of cholera cases found "alive"	44
4.	Houses reinspected by sanitary inspectors	9,203	29. Number of cholera cases found "dead"	76
5.	Houses ordered cleaned (written)	1	30. Number of orders issued during the month	270
6.	Houses ordered cleaned (verbal)	7,527	31. Number of orders complied with during the month	220
7.	Houses cleaned	6,598	32. Number of orders awaiting action	352
8.	Houses ordered whitewashed and painted	55	33. Number of orders pending in court	9
9.	Houses whitewashed and painted	46	34. Number of food tiendas in districts	1,467
10.	Houses disinfected	201	35. Number of persons convicted for violation of food-prohibition order	1
11.	Number of houses recommended condemned and removed	47		
12.	Number of houses condemned and removed	36	36. Average in visiting each street and barrio during month	25.8
13.	Number of localities where "squatters" are located	23	37. Number of regular inspectors on duty	39.08
14.	Number of samples of water from wells sent to Laboratory	1	38. Number of emergency inspectors on duty	0
15.	Number of reports from same	1	39. Number of leper cases sent to San Lazaro Hospital	2
16.	Number of fire plugs opened or closed for sanitary purposes	0	40. Number of plague cases reported	4
17.	Number of hydrants recommended reopened	0	41. Number of smallpox cases reported	1
18.	Number of houses where garbage has not been removed for two days	75	42. Houses in which traps are set	15,290
			43. Houses in which bane is placed	3,258
19.	Number of persons reported sick to municipal physicians	193	44. Traps set	33,746
20.	Cesspools and vaults ordered cleaned	478	45. Plates with ratsbane placed	11,584
21.	Cesspools cleaned	327	46. Rats caught by rat catchers	11,545
22.	Yards ordered cleaned	2,769	47. Rats caught by traps	10,242
23.	Yards cleaned	2,235	48. Rats caught by poison	123
24.	Yards ordered repaired (repaved, etc.)	47	49. Rats purchased	18
25.	Yards repaired	74	50. Rat catchers employed	68

Station A.—San Nicolás.

Monthly Sanitary Report, Harbor and River, October 31, 1903.

Steamships inspected	0	Cholera cases found on ships and other craft	5
Launches inspected	112	Cholera cases found "alive"	3
Schooners inspected	149	Cholera cases found "dead"	2
Lorchas inspected	552	Plague cases reported	0
Cascos inspected	1,065	Smallpox cases reported	0
Trips made by the Board of Health launch to the bay	46	Dead bodies found in river and harbor	6
Trips made by the Board of Health launch up the river	46	Fumigated	8

Burials, October, 1903.

Cemeteries.	Number.
Loma (Government)	735
Paco (General Government)	37
Santa Cruz	6
Balic-Balic	188
Binondo	16
Tondo	
Maytubig	52
Malate	52
Pandacan	47
Chinese	70
Crematory	60
Santa Ana	31
American National Cemetery	5
San Pedro Macati	1
Total	1,300

21 of the above were stillbirths and 62 transient residents.

Disinterments, October, 1903.

Paco	14
Santa Cruz	6
Malate	0
Chinese	40
Total	60

Report of Crematories October, 1903.

Disposition.	Crematories.			
	Palomar.	Santa Cruz.	Paco.	Total.
Animals cremated:				
Horses, American	1	1	20	22
Horses, Australian			5	5
Horses, Filipino	3	7	128	138
Mules, American	3		2	5
Mules, Chinese	3			3
Cows		4	39	43
Carabaos		1	66	67
Calves	2		1	3
Goats	6	3	9	18
Dogs	180	3	13	196
Cats	120	16	3	139
Rats	8,349	1,898		10,247
Monkeys	1	2		3
Fowls	527	47		574
Domestic birds	1			1
Ducks	32			32
Pigs	307	123	8	438
Deer	3			3
Total	9,538	2,105	294	11,937
Loads cremated:				
House garbage	1,947	976	1,727	4,650
Trade refuse	270	46	86	402
Organic matter	74	10	6	90
Slop	155	59	77	291
Market refuse	324	68	7	399
Manure	1			7
Beach refuse	7			1
Total	2,778	1,159	1,903	5,840

Report of the Office of the Superintendent of Pail System for the Month of October, 1903.

Number of permits issued:	
For private houses	218
For military	24
Total	242
Number of barrels of night soil removed:	
From private houses	2,433
From military closets	795
Total	3,228
Number of barrels loaded into bancas:	
On Tondo beach	1,986
On Ermita and Malate	215
By Pasig River	1,027
Total	3,228
Number of vaults cleaned in the district of—	
San Nicolas	48
Tondo	11
Binondo	52
Santa Cruz	27
Sampaloc	4
Number of vaults cleaned in the district of—Continued.	
Quiapo	29
San Miguel	6
Paco	9
Ermita	11
Malate	1
Intramuros	20
Total	218
Removed by—	
Contractor N. T. Hashim	1,128
Contractor A. Pizarro	146
Contractor J. Pereyra	325
Contractor S. Sison	82
Contractor T. Gonzales	173
F. de los Santos	154
Contractor A. Godia	380
Contractor C. Mendoza	225
Contractor P. Limanoc	209
Contractor N. Godia	76
Contractor M. Manolato	114
Contractor P. Gonzalez	216
Total	3,228

Report of Operations of the Pail Conservancy System for the Month of October, 1903.

New installations made in private houses during the month of October, 1903, 5; number of seats installed, 6.
New installations made in public buildings during the month of October, 1903, 1; number of seats installed, 1.
New installations made in public closets during the month of October, 1903, 0; number of seats installed, 0.
Total number of new installations made during the month of October, 1903, 6; number of seats installed, 7.
Total number of installations made in private houses prior to October, 31, 1903, 658; number of seats installed, 936.
Total number of installations made in public buildings prior to October, 31, 1903, 39; number of seats installed, 153.
Total number of installations made in public closets prior to October, 31, 1903, 11; number of seats installed, 170.
Total number of installations made prior to October, 31, 1903, 708; number of seats installed, 1,259.
Number of collecting stations where pails are used, other than public closets, 6; number full pails removed daily, 115.
Number of pails removed and cleaned from private houses during month of October, 1903, 25,293; number of pails repaired during October, 218.
Number of pails removed and cleaned from public buildings during month of October, 1903, 2,518; number of commodes repaired during October, 12.
Number of pails removed and cleaned from public closets during the month of October, 1903, 10,222; number of pails worn out in service, 0.
Number of pails removed and cleaned from collecting stations during the month of October, 1903, 3,574; number of commodes worn out in service, 0.
Total number of pails removed and cleaned during the month of October, 1903, 41,607; number of inspections made of closets, 0.
Estimated number of people habitually resorting to public closets daily, 20,000; number of repairs ordered, 0.
Cost of collecting and cleaning pails for month of October, P. 5,318; cost per pail daily, P. 0.1276.
Funds collected for installations in private houses during month of October, P. 22.60, Pfs. 13; funds collected for cleaning pails during month of October, P. 342.10, Pfs. 1,736.12.
Funds collected for cleaning of vaults during month of October, Pfs. 10.
Number of vaults, cesspools, etc., cleaned by public excavators, 15.
Number of vaults, cesspools, etc., cleaned by private excavators, 218; number of gallons removed, 68,500.
Number of pails cleaned in Mariquina during month of October, 6,121; number of barrels removed, 2,435.

Skeleton Report on Pail System for October, 1903.

Seats installed.	Inspections.	Closets repaired.	Pails cleaned.	Cost, work force.	Per pail.	Pails repaired.	Commodes repaired.	Collected.	Excavated.		No. of pails cleaned at Mariquina.
									Loads.	Gallons.	
7			41,607	[1] $5,318.00	[1] $0.1276	218	12	[2] $364.70 [1] $1,759.12	137	68,500	6,121

[1] Philippines currency. [2] United States currency.

Report of the Veterinary Division for the Board of Health for the Philippine Islands for the Month of October, 1903.

On arrival in city:	
Number of cattle inspected	2,716
Number of carabaos inspected	38
Number of horses inspected	175
Number of hogs inspected	3,500
Number of sheep inspected	115
Number of goats inspected	64
Number of other animals inspected	11
Total	6,619
In Government abattoir:	
Number of cattle slaughtered	2,412
Number of hogs slaughtered	5,663
Number of sheep slaughtered	125
Total	8,200
Number of cattle condemned and cremated	8
Number of hogs condemned and cremated	16
Number of horses condemned for glanders	9
Number of horses condemned for surra	0
Number of other animals condemned	38
Total	71

Epidemic of Cholera in the City of Manila and Provinces from March 20, 1902, to October 1, 1903.

Month.	Manila.		Provinces.		Month.	Manila.		Provinces.	
	Cases.	Deaths.	Cases.	Deaths.		Cases.	Deaths.	Cases.	Deaths.
1902.					1903.				
March	108	90			January	7	4	4,921	2,757
April	586	406	1,927	1,417	February	2	1	2,997	2,009
May	550	442	2,407	1,631	March	6	6	1,903	1,124
June	601	492	5,204	4,097	April	33	27	1,772	1,147
July	1,368	1,053	7,757	5,807	May	230	212	1,402	885
August	720	581	11,247	7,874	June	39	38	3,554	2,945
September	273	179	43,346	27,410	July	42	38	4,167	2,806
October	87	57	30,837	18,572	August	89	72	10,212	7,406
November	336	236	12,353	6,681	September	290	263	4,610	3,669
December	35	24	5,918	3,583					
					Total	5,402	4,221	156,584	101,820

Report of Disinfections for the Month of October, 1903.

Diseases.	Number of disinfections.	Number of contacts.
Cholera	106	397
Bubonic plague	2	10
Smallpox	2	3
Glanders	5	0
Insanitary conditions	4	0
Total	119	410

Reports Received of Lepers Living in the Various Provinces of the Philippine Islands to October 31, 1903.

Province.	Race.	Number of men.	Number of women.	Children.		Single.		Married.		Widower.	Widow.	Total.
				M.	F.	M.	F.	M.	F.			
Antique	Filipinos	92	37	2	2	38	28	42	4	12	5	133
Batangas	do	19	5			12	3	3	3	3		24
Bataan	do	10	4	1	1	5		3	2	2	2	16
Benguet	Igorrotes	31	10	1	1	1		21	10	9		43
Ambos Camarines	Filipinos	33	17	1	1	24	12	8	5	1		52
Bulacan	do	17	9	2	1	12	6	5	3			29
Ilocos Norte	do	45	28	5	2	9	10	31	8	5	10	80
Ilocos Sur	do	176	84	4	2	101	50	66	17	14	12	266
Leyte	do	49	38	1	3	26	27	20	7	3	4	91
Masbate	do	51	35	25	10	22	15	23	19	2	5	121
Cagayan	do	46	30		3	20	10	20	19	6	1	79
Lepanto	do	14	4	1		5	1	8		1	3	19
Cavite	do	17	5		3	16	3	1			2	25
Nueva Ecija	do	44	24			19	12	22	8	2	5	68
Negros Occidental	do	26	11	5	1	17	10	8	1	1		43
Pampanga	do	8	5	2		3	1	5	3	1		15
Pangasinan	do	120	80	2	3	36	28	65	38	19	14	205
Rizal	do	41	24	2		19	12	21	7	3	3	67
Marinduque	do	1	1	1			1	1				3
Laguna	do	1						1				1
San Lazaro[1]	do	99	75	21	9	66	42	26	17	7	16	204
Tarlac	do	27	24	11	4	7	9	17	11	2	5	66
Sorsogon	do	75	33	1	1	33	17	40	10	3	5	110
Romblon	do	5	10			3	6	2	3	1		15
Samar	do	39	32	13	8	17	9	21	18	3	3	92
Union	do	43	28	3		15	14	24	12	4	2	74
Zambales	do	58	35	2		30	15	26	13	4	5	95
Mindanao	Moros	140	74	3	3	84	46	45	18	9	12	220
Cebu	Filipinos	171	89	5	4	136	64	33	21	3	3	269
Iloilo	do	231	66	11	2	113	37	94	9	24	20	310
Negros Oriental	do	66	42	6	2	27	23	32	14	7	5	116
Isabela de Luzon	do	18	4	1		3	1	10	3	5		23
Tayabas	do	1								1		1
Albay	do	68	33	1	1	30	18	27	10	11	5	103
Nueva Vizcaya	do	13	12	2		7	3	4	6	2	3	27
Abra	do	11	6			5	4	5	2	1		17
Bohol	do	46	46	5	1	20	19	27	17	3	6	98
Capiz	do	44	33	19	9	26	24	13	12	1	1	105
Total		1,996	1,093	159	77	1,007	580	820	350	175	157	3,825

[1] European female.

Cholera Report for Manila from October 1 to October 31, 1903.

	Males.		Females.	
	C.	D.	C.	D.
Filipinos	70	64	47	47
Chinese	2	2		
Americans	5	3		
Europeans	3	2		
Total	80	71	47	47

	C.	D.
San Nicolas	21	20
Tondo	29	29
Quiapo	11	9
Santa Cruz	20	19
Sampaloc	12	12
Intramuros	12	9
Ermita	12	10
Malate	3	2
Paco	4	5
Bilibid Prison	3	3
Total	127	118

	C.	D.
From 1 to 5 years	10	9
From 6 to 10 years	2	2
From 11 to 15 years	6	4
From 16 to 20 years	16	16
From 21 to 25 years	19	18
From 26 to 30 years	19	18
From 31 to 35 years	11	9
From 36 to 40 years	12	12
From 41 to 45 years	8	7
From 46 to 50 years	8	9
From 51 to 55 years	3	2
From 56 to 60 years	2	2
From 60 and above	11	10
Total	127	118

Number of cases found "alive"	55
Number of cases found "dead"	72
[1] Total	127

[1] In this total two American soldiers are included, same not appearing in general mortality tables.

Report of Cholera Occurring in Provinces in the Philippine Islands from October 1 to October 31, 1903.

Provinces and places.	Cases.	Deaths.	Total Cases.	Total Deaths.	Total Per cent.
Antique:					
Antique	15	9			
Barbara	5	5			
Barbosa	25	16	126	96	76
Culasi	12	2			
Pandan	65	60			
Tibiao	4	4			
Bataan:					
Balanga	32	23			
Dinalupijan	4	4			
Hermosa	2	1	143	90	62
Mabatan	3	3			
Orion	32	15			
Orani	70	44			
Batangas:					
Taal	11	11			
Talisay	4	4	18	18	100
Tanauan	3	3			
Bohol, Tagbilaran	65	40	65	40	61
Bulacan:					
Bocaue	11	7			
Bulacan	6	4			
Bigaa	5	4			
Malolos	2	1			
Paombong	1	1	40	30	75
Polo	5	3			
Quingua	2	2			
San Miguel	3	3			
Santa Maria	5	5			
Cagayan:					
Aparri	12	6			
Buguey	16	0			
Camalaniugan	2	2	77	29	37
Mambajao	9	4			
Peña Blanca	1	1			
Tuguegarao	37	16			
Camarines, Nueva Caceres	0	1	0	1	--------
Capiz:					
Capiz	2	2			
Calibo	23	11	200	131	65
Dumarao	14	4			
Ibajay	161	114			
Cavite:					
Bacoor	8	8			
Dasmariñas	4	4	18	15	83
Naic	5	2			
San Roque	1	1			
Cebu:					
Aloguinsan	25	18			
Boljoon	82	82			
Bogo	65	45			
Borbon	60	42			
Balamban	65	65			
Badian	9	5			
Barili	5	4			
Carcar	550	474			
Cordoba	279	232			
Consolacion	1	1			
Danao	9	9	1,266	1,077	85

Provinces and places.	Cases.	Deaths.	Total Cases.	Total Deaths.	Total Per cent.
Cebu—Continued.					
Ginatilan	1	1			
Mandaue	2	2			
Minglanilla	28	23			
Nueva Caceres	1	1			
Oslob	8	8			
Opon	1	1			
Samboan	15	15			
San Francisco	30	30			
Sogod	4	4			
Toledo	6	4			
Tabogon	20	11			
Iloilo, Iloilo	36	31	36	31	86
Ilocos Sur, Vigan	11	4	11	4	36
Isabela:					
Ilagan	17	5	20	8	40
Tumauini	3	3			
Laguna, Santa Cruz	3	2	3	2	66
Leyte:					
Bay-bay	5	5	25	15	60
Ormoc	20	10			
Nueva Ecija:					
Bongabong	10	6			
Cabanatuan	3	3			
San Antonio	2	2	31	20	64
San Juan de Guimba	7	3			
San Isidro	9	6			
Rizal:					
Montalban	5	4	8	5	62
San Mateo	3	1			
Surigao, Surigao	28	19	28	19	67
Tarlac:					
La Paz	8	8			
Pura	3	2			
Santa Ignacia	12	6	80	63	78
Tarlac	7	7			
Victoria	50	40			
Tayabas, Guinayangan	5	5	5	5	100
Union:					
Agoo	12	10	28	26	92
Santo Tomas	16	16			
Negros Occidental:					
Bacolod	30	30			
Binalbagan	50	38			
Ginigaran	94	75			
Pulupandan	14	4			
Sumag	13	11	248	198	79
San Carlos	11	10			
Saravia	16	16			
Talisay	6	4			
Victoria	14	10			
Zambales:					
Botolan	18	11	21	12	57
Subic	3	1			
Total	--------	--------	2,497	1,935	--------
Mortality, per cent	--------	--------	--------	--------	77.49

The following tabulated statement shows the amount of vaccine virus distributed by the Board of Health during the month of October, 1903:

	Units.
United States Army	2,420
United States Public Health and Marine-Hospital Service	6,000
Inhabitants of the Philippine Islands (Manila not included)	18,200
Sold to the public	70
Used by public vaccinator and other institutions in the city of Manila	11,800
Total	38,490

Report of Vaccination, City of Manila, During the Month of October, 1903.

Chief Vaccinator, SATURNINO ESPEJO.

Districts.	Children.			Adults.			Total.			Grand total.
	Filipinos.	Chinese.	Americans and foreigners.	Filipinos.	Chinese.	Americans and foreigners.	Filipinos.	Chinese.	Americans and foreigners.	
Walled City	222		3	472	15	30	694	18	30	742
Binondo	80	4		170	528	3	250	532	3	785
San Nicolas	191	1	1	356	231	7	547	232	8	787
Tondo	340			444	39	1	784	39	1	824
Santa Cruz	268	1		911	296	1	1,179	297	1	1,477
Quiapó	236		5	423	31	7	659	31	12	702
San Miguel	129			566	132	90	695	132	90	917
Sampaloc	255			445		70	700		70	770
Paco	319			341		1	660		1	661
Ermita	88			251			339			339
Malate	134			293		4	427		4	431
Total	2,262	6	9	4,672	1,272	214	6,934	1,281	220	8,435

Smallpox Report for Manila from October 1 to October 31, 1903.

	Cases.	Deaths.
Filipino male	1	0
Total	1	0
Intramuros	0	0
Santa Cruz	1	0
Total	1	0
From 21 to 25 years	0	0
From 11 to 15 years	1	0
Total	1	0

Daily Report of Bubonic Plague for Manila from October 1 to October 31, 1903.

	Males.		Females.	
	C.	D.	C.	D.
Filipinos				
Chinese	3	2	0	0
Total	3	2	0	0

	Cases.	Deaths.
Tondo	1	1
San Nicolas	2	1
Total	3	2

	Cases.	Deaths.
From 16 years to 20 years	1	1
From 21 years to 25 years	1	1
From 36 years to 40 years	1	0
Total	3	2

Number of cases found "alive"	2
Number of cases found "dead"	1
Total	3

Bilibid Prison Sick Report for the Month of October, 1903.

Diseases.	Total sick as per last report.	Taken since last report.	Died.	Discharged.	Total number sick this date.
Cholera	1	3	3	1	
Chronic intestitial nephritis		1	1		
Dengue fever		2		2	
Direct inguinal hernia (rad operation)		1		1	
Double pneumonia		1		1	
Dysentery, amœbic	2	16		17	1
Endocarditis, chronic		1	1		
Endopericarditis		1	1		
Fever, malarial, intermittent	5	22	1	26	
Fever, malarial, remittent		7	3	3	1
Gastro-enteritis acute		1		1	
General debility		1		1	
General peritonitis		1	1		
Hysteria	1			1	
Malarial cachexia		1		1	
Measles		3		3	
Nephritis, acute	1			1	
Pelit mal		1		1	
Pneumonia	2	7	5	4	
Senile debility		1	1		
Tuberculosis	13	13	6	2	18
Total	25	84	23	66	20

Total number prisoners, 3,451. Insane, 30. Convalescents, 23. Disabled, 51.

Report of Action on Licenses taken during the Month of October, 1903.

Business for the conduction of which license is desired.	License applications approved.	License applications disapproved.	Total applications acted on.	Applications awaiting action.
Bakery	9		9	
Candy and sirup, make and sell	1		1	
Chocolate, make and sell	1		1	
Distillery	1		1	
Establishment, embalming and undertaking	1		1	
Establishment, dyeing				
Factory, soap	3		3	
House, boarding	2		2	
House, lodging	1		1	
Laundry	3		3	
Leather, tan and sell	3		3	
License, first-class liquor	1		1	
License, restaurant, with first-class restaurant liquor	1		1	
License, second-class liquor	2		2	

Business for the conduct of which license is desired.	License applications approved.	License applications disapproved.	Total applications acted on.	Applications awaiting action.
License, restaurant, with second-class restaurant liquor	1		1	
Medicinal compounds, make and sell	3		3	
Performance, cinematograph	1		1	
Restaurant	4		4	
Sauce, make and sell	1		1	
Sausages, make and sell	1		1	
Store, drug (Chinese)	3		3	
Store, drug (native)	5		5	
Store, grocery	6	2	8	
Store, to sell native wine		1	1	
Sweetmeats, make and sell	4	1	5	
Theater	1		1	
Vermicelli, make and sell	2		2	
Hotel license	2		2	
Total	63	4	67	

Station "S. M." District of Mariquina, San Mateo.—Monthly Sanitary Report, October 31, 1903.

Houses inspected by Chief Sanitary Inspector	682
Houses reinspected for verification of work ordered	226
Houses inspected by sanitary inspectors	14,108
Houses reinspected by sanitary inspectors	2,353
Houses ordered cleaned (verbal)	551
Houses cleaned	514
Houses disinfected	14
Number of barns recommended condemned and removed	1
Number of barns condemned and removed	1
Number of samples of water from wells sent to Laboratory	2
Number of reports from same	2
Number of persons reported sick to municipal physicians	49
Yards ordered cleaned	1,125
Yards cleaned	1,076
Number of cholera cases reported by sanitary inspectors	2
Number of cholera cases found "alive"	2
Number of food tiendas in district	143
Number of persons convicted for violation of sanitary orders	1
Average in visiting each street and barrio during month (per day)	1
Number of emergency inspectors on duty	6
Glandered horses reported, native	4
Glandered horses reported, cavalry	1
Glandered horses, native, destroyed	2
Glandered horses, native, isolated	2

Extract from Report of the Biological Laboratory for the Month of October, 1903, Board of Health Work.

	Positive.	Negative.	Total.
Gonococci	120	1,354	1,474
Examination for plague		1	
Examinations for surra, horses		3	
Rats received			13,217
Rats examined			114
Water for cholera		2	

	Positive.	Negative.	Total.
Carabao for surra	49	28	
Necropsies—			
Plague			1
Cholera			6
Others			12

Meteorological Data Deduced from Hourly Observations.

Date.	Barometer. Mean.		Temperature. Mean.		Temperature. Maximum.		Temperature. Minimum.		Relative humidity, mean.	Wind. Prevailing direction.	Wind. Total daily motion.		Wind. Maximum. Force.		Wind. Maximum. Direction.	Sunshine.	Rainfall.	
	Inches.	*mm.*	°*C.*	°*F.*	°*C.*	°*F.*	°*C.*	°*F.*	*Per ct.*		*Km.*	*Miles.*	*Km.*	*Miles.*		*h. m.*	*Inch.*	*mm.*
1	29.821	757.45	27.6	81.7	29.8	85.6	22.9	73.2	79.9	WNW.	400	249	28	18	WSW.	1–35		
2	29.810	57.16	27.8	82.0	30.4	86.8	23.2	73.7	81.4	WSW.	398	247	32	20	WSW.	4–50	0.421	10.7
3	29.772	56.20	27.1	80.8	32.1	89.7	23.8	74.8	85.9	WSW.	266	165	26	16	WSW.	4–30	0.342	8.7
4	29.776	56.29	27.2	81.0	31.6	88.9	22.1	71.7	82.1	S.	113	70	10	6	S.	3–00	0.012	0.3
5	29.836	57.82	28.0	82.4	31.2	88.1	23.6	74.5	80.8	WSW.	192	119	27	17	WSW.	5–00		
6	29.881	58.97	28.7	83.7	33.8	92.9	23.5	74.3	78.5	SE.	131	81	14	9	SW. by S.	6–05		
7	29.882	59.01	27.6	81.7	32.1	89.8	23.2	73.8	81.4	WSW.	146	91	22	14	W.	6–05	0.102	2.6
8	29.848	58.12	27.1	80.8	30.6	87.0	22.8	73.0	83.1	NNE.-W.	186	116	17	11	W.	6–25		
9	29.819	57.41	27.3	81.1	31.9	89.5	22.7	72.9	82.4	ENE.-ESE.	166	103	18	11	WNW.	7–20		
10	29.820	57.43	28.4	83.1	35.1	95.2	22.2	72.0	78.9	NE.-WSW.	164	102	16	10	WSW.	9–00	0.441	11.2
11	29.868	58.62	28.6	83.5	34.4	94.0	22.7	72.9	79.0	SE.	191	119	22	14	SW.	10–00	0.071	1.8
12	29.875	58.80	27.2	81.0	32.3	90.1	22.9	73.3	83.9	W.	148	92	16	10	W.	7–10		
13	29.850	58.17	25.6	78.1	26.8	80.3	22.2	72.0	91.0	SSE.	96	60	15	9	ESE.	0–00	0.181	4.6
14	29.856	58.33	25.1	77.2	26.7	80.0	22.7	72.9	93.2	NNW.	149	93	15	9	N. by W.	0–00	0.331	8.4
15	29.860	58.42	25.9	78.6	27.9	82.2	22.1	71.8	90.3	NNE.	97	60	9	6	NW.	0–00		
16	29.842	57.97	27.0	80.6	31.1	87.9	22.9	73.3	84.3	N.-WSW.	112	70	12	7	W.	5–05	0.075	1.9
17	29.795	56.77	26.0	78.8	29.9	85.8	22.7	72.9	87.5	N.-W.	166	103	22	14	W. by S.	4–10	0.216	5.5
18	29.745	55.51	26.6	79.9	29.6	85.3	22.3	72.1	85.0	N.-WSW.	228	142	21	13	WSW.	1–50		
19	29.753	55.70	27.7	81.9	30.2	86.3	23.7	74.6	84.5	WSW.	306	190	26	16	WSW.	2–00	0.039	1.0
20	29.699	54.36	28.5	83.3	31.5	88.7	23.9	75.0	79.5	W.	388	241	36	22	WNW.	3–45		
21	29.719	54.84	28.5	83.3	31.1	88.0	24.4	75.9	81.5	WSW.	422	262	29	18	WSW.	3–50	0.075	1.9
22	29.711	54.64	28.3	82.9	32.0	89.6	22.8	73.0	80.5	WSW.	202	126	22	14	WSW.	10–00	0.004	0.1
23	29.748	55.58	27.1	80.8	30.8	87.5	23.4	74.1	87.1	E.	88	55	14	9	W.	5–05		
24	29.786	56.54	27.8	82.0	31.1	88.0	22.6	72.7	80.8	WSW.-ENE.	148	92	11	7	SSW.	7–30	0.091	2.3
25	29.692	54.14	28.1	82.6	30.2	86.4	23.9	75.1	79.7	WSW.	520	323	48	30	WSW.	0–00	0.004	0.1
26	29.762	55.95	28.7	83.7	32.2	90.0	24.1	75.9	77.3	SSW.-WSW.	281	175	26	16	SW. by S.	5–35		
27	29.887	59.13	28.3	82.9	33.8	92.8	23.1	73.5	81.3	SE.-WSW.	112	70	12	7	WNW.	7–35	0.039	1.0
28	29.967	61.15	27.1	80.8	31.8	89.2	23.1	73.5	86.5	S.	109	68	14	9	W.	3–20	0.020	0.5
29	29.957	60.91	27.6	81.7	31.3	88.3	22.2	71.9	81.2	Variable.	133	83	18	11	W.	8–15	0.315	8.0
30	29.911	59.73	27.1	80.8	31.4	88.5	22.4	72.3	80.9	ENE.	124	77	14	9	WSW.	5–30	0.201	5.1
31	29.910	59.71	27.6	81.7	31.8	89.2	22.7	72.9	78.2	Variable.	99	62	8	5	ESE.	6–10		
Mean	29.821	757.45	27.5	81.4	31.2	88.1	23.0	73.4	82.8		202.6	126.0	20.0	12.5		4–52		
Total											6281	3906				150–40	2.980	75.7

GENERAL LIBRARY
UNIV. OF MICH
APR 11 1904

MONTHLY REPORT

OF THE

Board of Health for the Philippine Islands

AND

CITY OF MANILA.

NOVEMBER, 1903.

TO THE HON. DEAN C. WORCESTER, SECRETARY OF THE INTERIOR.

Maj. E. C. CARTER, M. D., U. S. Army,
Commissioner of Public Health.

Capt. E. L. MUNSON, A. M., M. D., U. S. Army,
Assistant to Commissioner of Public Health.

H. D. OSGOOD, B. S.,
Sanitary Engineer for Philippine Islands.

T. R. MARSHALL, M. D.,
Chief Health Inspector.

P. C. FREER, M. D., Ph. D.,
Superintendent of Government Laboratories.

MANUEL GOMEZ MARTINEZ, M. D.,
Secretary Board of Health.

MANILA:
BUREAU OF PUBLIC PRINTING.
1904.

12687

LETTER OF TRANSMITTAL.

DEPARTMENT OF THE INTERIOR,
BOARD OF HEALTH FOR THE PHILIPPINE ISLANDS,
OFFICE OF THE COMMISSIONER,
Manila, P. I., December 29, 1903.

SIR: I have the honor to submit herewith the report of the Board of Health for the Philippine Islands and the city of Manila for the month of November, 1903, and would invite your attention to the following points:

The number of deaths occurring during the month among infants less than 1 year of age amounted to 58.5 per cent of the total deaths occurring in all classes and ages of the city population, and the deaths among Filipino infants under the age of 12 months represented 65.5 per cent of the entire number of deaths occurring in the whole Filipino population.

The principal causes of mortality and more important diseases entering into the same, with the total number of deaths therefrom and the number of deaths occurring from the same under the age of 12 months, were as follows:

Cause.	Total deaths.	Deaths among children under 12 months of age.
Convulsions of children	342	342
Pulmonary tuberculosis	68	0
Acute bronchitis	65	62
Eclampsia, nonpuerperal	58	58
Chronic bronchitis	41	29
Beri-beri	36	0
Meningitis	33	33
Congenital debility	28	28
Chronic diarrhea and enteritis	25	8
Dysentery	24	3
Asiatic cholera	23	0
Malarial fevers	16	2
Puerperal septicæmia	12	0
Cerebral hemorrhage	10	0
Typhoid fever	8	0
Tetanus	7	4
Smallpox	2	0
Bubonic plague	2	0
Leprosy	1	0
Diphtheria	1	0

In the above list there appears a total of 404 deaths among children who have not completed the first year of life, from causes variously reported as convulsions of children, eclampsia, and tetanus. Of these, 158 occurred within thirty days after birth. The more prominent symptoms presented by these three causes largely resemble each other, and it is believed that the latter are often confounded with each other, particularly since deaths of this class largely occur in the absence of medical attendance and the death certificates in such cases must be made out on the basis of the symptoms given by members of the family. There is strong reason for belief that the deaths occurring in the first month after birth and attended by convulsions chiefly depend upon tetanus infection at the umbilicus, due to the handling of the unhealed stump of the cord with unclean fingers and the common local practice of massaging the abdomen of the new born. The other deaths among infants, reported as occurring from convulsions, debility, and bronchitis, probably result in large part from exposure, due to nonuse of sufficient clothing depending upon poverty or ignorance. The common practice by the poorer classes of allowing children to remain practically unclothed during the first few years of life can scarcely fail to result in chilling

at night or during stormy weather. The above causes of an unduly high infant mortality should be largely preventable. For their prevention the Board of Health has prepared a popular circular on the treatment of the new born and the care and feeding of infants, and has also authorized for the future the gratuitous issue of a yard of flannel to each infant whose parents are financially unable to procure suitable clothing for its proper protection against exposure during the first few months of life. It is anticipated that by these measures, the recent opening of two new free dispensaries, and he proposed employment of additional municipal physicians and midwives the infant mortality will soon show a considerable decrease.

During November there were 2 deaths from bubonic plague, both in Filipinos. Prophylactic inoculations against plague have been so generally carried out among the Chinese as to largely protect that especially susceptible class against this disease. During the month there were 2,157 primary and 1,515 secondary antiplague inoculations made among the Chinese.

There were 23 deaths from Asiatic cholera among residents, of which none occurred in whites and but 2 in Chinese. There were also 3 deaths from this disease among transients. Following the sudden outbreak in September, of which mention was made in the report for that month, this disease has steadily yielded to the repressive measures taken. Although during the month a number of cholera cases occurred on the drainage area of the city water supply, the special efforts of the Board of Health have successfully prevented the infection of this supply.

Beri-beri caused 36 deaths, of which 13 occurred among Chinese, while smallpox caused 2 deaths, of which 1 was an American.

During the month a site for the permanent dock and dumping station for the scavenger barge *Pluto* was secured on the south bank of the Pasig River in the rear of the Maestranza, and plans for the construction of such dock and dumping station were prepared. The immediate construction of twenty-five free public latrines and urinals, of twenty seats capacity each, was authorized, and sites secured for the same at suitable points.

The laws in respect to scavenging were changed to meet the new conditions arising from the operation of the scavenger barge *Pluto*. By reason of its improper location and unsanitary condition the Tondo Cemetery was ordered permanently closed in respect to further interments therein. Two thousand copies of a pamphlet on the nature, prevention, and treatment of Asiatic cholera, published in English and Spanish, were ordered printed for distribution to physicians and others.

Very respectfully,

E. L. MUNSON,
Captain and Assistant Surgeon, United States Army,
Acting Commissioner of Public Health.

The SECRETARY OF THE INTERIOR,
Manila, P. I.

Population of Manila.

[Preliminary rough count of census of 1903.]

Americans	4,389	Chinese	21,230
Filipinos	189,782	All others	895
Spaniards	2,528		
Other Europeans	1,117	Total	219,941

Deaths Occurring During the Month of November.

Americans	3
Filipinos	922
Spaniards	5
Other Europeans	1
Chinese	43
All others	0
Total	974

Annual Death Rate per Thousand for the Month.

Americans	8.32
Filipinos	59.15
Spaniards	24.08
Other Europeans	10.90
Chinese	24.65
All others	0.00
Average	53.91

Deaths by Age, including transients.

Under 30 days	102
30 days to 1 year	499
1 year to 2 years	38
2 years to 5 years	31
5 years to 10 years	10
10 years to 15 years	10
15 years to 20 years	15
20 years to 25 years	38
25 years to 30 years	46
30 years to 40 years	80
40 years to 50 years	57
50 years to 60 years	38
60 years to 70 years	22
70 years to 80 years	16
80 years to 90 years	10
90 years to 100 years	5
100 years to 110 years	1
Unknown	8
Total	1,026

Deaths by Districts, including transients.

Districts.	Population.	Deaths.
Walled City	11,463	38
Binondo	16,613	65
San Nicolas	29,059	83
Tondo	39,045	276
Santa Cruz	35,040	157
Quiapo	11,149	40
Sampaloc	18,779	105
San Miguel	8,838	37
Paco	6,725	82
Ermita	12,226	19
Malate	8,858	34
Pandacan	2,990	14
Santa Ana	3,255	16
Transient residents	15,901	52
Unknown		8
Total		1,026

Number of deaths with medical attendance	433
Number of deaths without medical attendance	593
Total	1,026

25 of above were stillbirths.

A Classified Report of all Deaths Occurring in Manila (including 52 transients) During the Month of November, 1903.

Males.

Married	90
Widowers	27
Single	85
Boys	342
Condition not stated in certificates	19
Total	563

Females.

Married	75
Widows	27
Single	16
Girls	341
Condition not stated in certificates	4
Total	463
Grand total	1,026

25 of above were stillbirths.

Comparative Mortality from January 1, 1900, to November 30, 1903.

Month.	1900.		1901.		1902.		1903.	
	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.
January	[1] 1,055	50.79	[1] 753	36.25	[1] 760	36.58	602	28.98
February	[1] 884	47.11	[1] 689	36.72	[1] 706	37.63	511	27.23
March	[1] 887	42.70	[1] 885	42.66	[1] 770	37.06	533	25.94
April	[1] 805	40.04	[1] 886	44.07	[1] 1,327	66.01	549	27.31
May	[1] 732	35.24	[1] 903	43.47	[1] 1,688	81.26	770	37.06
June	[1] 599	29.79	[1] 621	30.89	[1] 1,418	70.54	592	29.45
July	[1] 787	37.88	[1] 608	29.27	[1] 2,223	107.02	[2] 620	33.21
August	[1] 825	33.71	[1] 702	33.79	[1] 1,712	82.42	[2] 862	46.17
September	[1] 1,027	50.01	[1] 767	38.15	[1] 1,132	56.31	[2] 1,228	67.97
October	[1] 961	46.23	[1] 855	41.16	[1] 927	44.62	[2] 1,217	65.19
November	[1] 976	48.48	[1] 848	42.18	[1] 1,035	51.48	[2] 974	53.91
December	[1] 905	43.54	[1] 858	41.30	[1] 753	36.25		

[1] Death rate computed on population of 244,732 (Health Department's census).
[2] Death rate computed on population of 219,941 (census 1903).

CAUSES OF DEATHS FOR THE MONTH OF NOVEMBER, 1903.

(STILLBIRTHS NOT INCLUDED.)

	NOMENCLATURE DESIGNED FOR THE STATISTICS OF DEATH.	NOMENCLATURA PARA LAS ESTADÍSTICAS DE DEFUNCIONES.	Americans.		Europeans.		Filipinos.		Chinese.		Total.
			M.	F.	M.	F.	M.	F.	M.	F.	
	I.	**I.**									
	General Diseases.	**Enfermedades Generales.**									
1	Typhoid fever (abdominal typhus)	Fiebre tifoidea					3	5			8
2	Exanthematic typhus	Tifus exantemático									
3	Recurrent fever	Fiebre recurrente									
4	Intermittent fever, and malarial cachexia	Fiebre intermitente					7	1	1		9
4a	Malarial cachexia	Caquexia palúdica					4	1	2		7
5	Variola	Viruelas	1					1			2
6	Measles	Sarampión									
7	Scarlatina	Escarlatina									
8	Whooping cough	Tos ferina									
9	Diphtheria and croup	Difteria y crup									
9a	Diphtheria	Difteria					1				1
10	Grippe	Gripe					1				1
11	Miliary fever	Fiebre miliar									
12	Asiatic cholera	Cólera asiático					16	5	2		23
13	Cholera, nostras	Cólera nostras									
14	Dysentery	Disentería					11	8	5		24
14a	Epidemic dysentery	Disentería epidémica									
15	Plague	Peste					2				2
16	Yellow fever	Fiebre amarilla									
17	Leprosy	Lepra					1				1
18	Erysipelas	Erisipelas									
19	Other epidemic affections (beri-beri)	Otras afecciones epidémicas (beri-beri)					12	11	13		36
20	Purulent infection and septicæmia	Infección purulenta y septicemia									
21	Glanders and farcy	Muermo y lamparones									
22	Malignant pustule and anthrax	Pústula maligna y antrax									
23	Rabies	Rabia									
24	Actinomycosis, trichinosis, etc	Actinomicosis, trichinosis, etc									
25	Pellagra	Pelagra									
26	Tuberculosis of larynx	Tuberculosis de la laringe						1			1
27	Tuberculosis of lungs	Tuberculosis del pulmón			1		37	21	9		68
28	Tuberculosis of meninges	Tuberculosis de las meninges					1	3			4
29	Tuberculosis of abdomen	Tuberculosis abdominal					1	3	1		5
30	Pott's disease	Mal de Pott									
31	Cold abscess and abscess by congestion	Abscesos fríos y por congestión									
32	White swellings	Tumores blancos									
33	Tuberculosis of other organs	Tuberculosis de otros órganos							1		1
34	Generalized tuberculosis	Tuberculosis generalizada						1			1
35	Scrofula	Escrófula									
36	Syphilis	Sífilis						1			1
37	Gonorrhea of the adult	Blenorragia en los adultos									
38	Gonococcic infections of children	Afecciones gonocócicas en los niños									
39	Cancer and other malignant tumors of the buccal cavity.	Cáncer ú otros tumores malignos en la cavidad bucal									
40	Cancer and other malignant tumors of the stomach and liver.	Cáncer ú otros tumores malignos del estómago é hígado.						1			1
41	Cancer and other malignant tumors of peritoneum, intestines, and rectum.	Cáncer ú otros tumores malignos del peritoneo, intestinos y recto.									
42	Cancer and other malignant tumors of the female genitals.	Cáncer ú otros tumores malignos de los órganos genitales de la mujer.						2			2
43	Cancer and other malignant tumors of the breast	Cáncer ú otros tumores malignos de la mama									
44	Cancer and other malignant tumors of the skin	Cáncer ú otros tumores malignos de la piel					1				1
45	Cancer and other malignant tumors of other organs and organs not specified.	Cáncer ú otros tumores malignos en otros órganos						2			2
46	Other tumors (tumors of the female genitals excepted)	Otros tumores (exceptuándose los de los órganos genitales de la mujer).									
47	Acute articular rheumatism	Reumatismo articular agudo									
48	Chronic rheumatism, and gout	Reumatismo crónico y gota					2	3			5
49	Scurvy	Escorbuto									
50	Diabetes	Diabetes					1		1		2
51	Exophthalmic goiter	Bocio exoftálmico									
52	Addisson's disease	Enfermedad bronceada de Addison									
53	Leukæmia	Leucemia									
54	Anæmia, chlorosis	Anemia, clorosis					1	1			2
55	Other general diseases	Otras enfermedades generales									
56	Acute alcoholism or chronic	Alcoholismo agudo ó crónico									
57	Lead poisoning	Saturnismo									
58	Other poisonings incident to occupations	Otras intoxicaciones profesionales crónicas									
59	Other chronic poisonings	Otros envenenamientos crónicos									
	II.	**II.**									
	Diseases of the Nervous System and the Organs of Special Sense.	**Enfermedades del Sistema Nervioso y de los Órganos de los Sentidos.**									
60	Encephalitis	Encefalitis						1			1
61	Simple meningitis	Meningitis simple					16	17			33
61a	Epidemic cerebro-spinal meningitis	Meningitis cérebro-espinal epidémica									
62	Progressive locomotor ataxia	Ataxia locomotriz progresiva									
63	Other diseases of the spinal cord	Otras enfermedades de la médula espinal					1				1
64	Cerebral congestion and hemorrhage	Congestión y hemorragia cerebrales					8	2			10
65	Cerebral softening	Reblandecimiento cerebral									
66	Paralysis without apparent cause	Parálisis sin indicación de causa									
67	General paralysis	Parálisis generales					1	3			4

	NOMENCLATURE DESIGNED FOR THE STATISTICS OF DEATH.	NOMENCLATURA PARA LAS ESTADÍSTICAS DE DEFUNCIONES.	Americans. M.	Americans. F.	Europeans. M.	Europeans. F.	Filipinos. M.	Filipinos. F.	Chinese. M.	Chinese. F.	Total.
	II.—Diseases of the Nervous System and the Organs of Special Sense—Continued.	**II.—Enfermedades del Sistema Nervioso y de los Órganos de los Sentidos—Continuación.**									
68	Other forms of insanity	Otras formas de alienación mental									
69	Epilepsy	Epilepsia									
70	Eclampsia (nonpuerperal)	Eclampsia (no puerperal)					29	29			58
71	Convulsions of children	Convulsiones en los niños					184	165			349
72	Tetanus	Tétano					4	3			7
73	Chorea	Corea									
74	Other diseases of the nervous system	Otras enfermedades del sistema nervioso					1	7			8
75	Diseases of the eye and its adnexa	Enfermedades de ojos y sus anexos									
76	Diseases of the ear	Enfermedades de los oídos									
	III.	**III.**									
	Diseases of the Circulatory System.	**Enfermedades del Aparato Circulatorio.**									
77	Pericarditis	Pericarditis					1				1
78	Acute endocarditis	Endocarditis aguda					1	1			2
79	Organic disease of the heart	Enfermedades orgánicas del corazón			1		1	5	4		11
80	Angina pectoris	Angina de pecho					2	4			6
81	Affections of the arteries (atheroma, aneurism, etc.)	Afecciones de las arterias, etc					1				1
82	Embolus and thrombosis	Embolia y trombosis					1	2			3
83	Affections of the veins (varices, hemorrhoides, phlebitis).	Afecciones de las venas									
84	Affections of the lymphatic system (lymphangitis, etc.).	Afecciones del sistema linfático									
85	Hemorrhages	Hemorragias									
86	Other affections of the circulatory system	Otras afecciones del aparato circulatorio									
	IV.	**IV.**									
	Diseases of the Respiratory System.	**Enfermedades del Aparato Respiratorio.**									
87	Diseases of the nasal fossæ	Enfermedades de las fosas nasales									
88	Affections of the larynx	Afecciones de la laringe									
89	Affections of the thyroid body	Afecciones del cuerpo tiroideo									
90	Acute bronchitis	Bronquitis aguda					36	29			65
91	Chronic bronchitis	Bronquitis crónica			1		17	23			41
92	Broncho-pneumonia	Bronco-pneumonía					1	1			2
93	Pneumonia	Pneumonía					6	1			7
94	Pleurisy	Pleuresía									
95	Pulmonary congestion and apoplexy	Congestion y apoplegía pulmonares									
96	Gangrene of the lungs	Gangrena del pulmón									
97	Asthma	Asma					2	2			4
98	Pulmonary emphysema	Enfisema pulmonar									
99	Other diseases of the respiratory system (phthisis excepted).	Otras enfermedades del aparato respiratorio (exceptuándose la tisis).									
	V.	**V.**									
	Diseases of Digestive System.	**Enfermedades del Aparato Digestivo.**									
100	Affections of the mouth and its adnexa	Afecciones de la boca y de sus anexos					1				1
101	Affections of the pharynx	Afecciones de la faringe									
102	Affections of the esophagus	Afecciones del esófago									
103	Ulcer of the stomach	Ulcera del estómago					1				1
104	Other affections of the stomach (cancer excepted)	Otras afecciones del estómago (exceptuándose el cáncer).					2	11			13
105	Diarrhea and enteritis (under two years)	Diarrea y enteritis (en niños menores de 2 años)					1	2			3
105a	Chronic diarrhea and enteritis	Diarrea y enteritis crónica					13	11		1	25
106	Diarrhea and enteritis (two years and over)	Diarrea y enteritis (en niños de 2 ó más años)			1		0	1			2
107	Intestinal parasites	Parásitos intestinales									
108	Hernias; intestinal obstructions	Hernias; obstrucciones intestinales					2				2
109	Other affections of the intestines	Otras afecciones del intestino									
110	Acute yellow atrophy of the liver	Ictericia grave					1				1
111	Hydatid tumors of the liver	Tumores hidátidicos del hígado									
112	Cirrhosis of the liver	Cirrosis del hígado					2	1			3
113	Biliary calculi	Cálculos biliares									
114	Other affections of the liver	Otras afecciones del hígado			1						1
115	Affections of the spleen	Afecciones del bazo									
116	Simple peritonitis (puerperal excepted)	Peritonitis simple (exceptuándose la puerperal)						2			2
117	Other affections of the digestive system (cancer and tuberculosis excepted).	Otras afecciones del aparato digestivo (exceptuándose el cáncer y tuberculosis).									
118	Appendicitis and abscess of the iliac fossa	Apendicitis y flemón de la fosa iliaca									
	VI.	**VI.**									
	Diseases of the Genito-Urinary System and its Adnexa.	**Enfermedades del Aparato Génito Urinario y de sus Anexos.**									
119	Acute nephritis	Nefritis aguda	1				1				2
120	Bright's disease	Mal de Bright					2	1	2		5
121	Other diseases of the kidneys and their adnexa	Otras enfermedades de los riñones y de sus anexos									
122	Calculi of the urinary tract	Cálculos de las vías urinarias									
123	Diseases of the bladder	Enfermedades de la vegiga					1				1
124	Diseases of the urethra, urinary abscess, etc	Enfermedades de la uretra									
125	Diseases of the prostate	Enfermedades de la próstata									
126	Nonvenereal diseases of the male genital organs	Enfermedades no venereas de los órganos genitales del hombre.									
127	Metritis	Metritis									
128	Uterine hemorrhage (nonpuerperal)	Hemorragia uterina (no puerperal)									
129	Tumor, uterine (noncancerous)	Tumor uterino (no canceroso)									
130	Other diseases of the uterus	Otras enfermedades del útero									
131	Cysts and other tumors of the ovary	Quistes y otros tumores del ovario									
132	Other diseases of the female genital organs	Otras enfermedades de los órganos genitales de la mujer.									
133	Nonpuerperal diseases of the breast (cancer excepted).	Enfermedades no puerperales de la mama (exceptuándose el cáncer).									

	NOMENCLATURE DESIGNED FOR THE STATISTICS OF DEATH.	NOMENCLATURA PARA LAS ESTADÍSTICAS DE DEFUNCIONES.	Americans. M.	Americans. F.	Europeans. M.	Europeans. F.	Filipinos. M.	Filipinos. F.	Chinese. M.	Chinese. F.	Total.
	VII.	**VII.**									
	The Puerperal State.	**Estado Puerperal.**									
134	Accidents of pregnancy	Accidentes de la preñez									
135	Puerperal hemorrhage	Hemorragia puerperal						6			6
136	Other accidents of labor	Otros accidentes del parto									
137	Puerperal septicæmia	Septicemia puerperal						12			12
138	Albuminuria and puerperal eclampsia	Albuminuria y eclampsia puerperales						2			2
139	Puerperal phlegmasia alba dolens	Flegmasia alba dolens puerperal									
140	Other puerperal accidents—sudden death	Otros accidentes puerperales—muerte repentina									
141	Puerperal diseases of the breast	Enfermedades puerperales de la mama									
	VIII.	**VIII.**									
	Diseases of the Skin and Cellular Tissue.	**Enfermedades de la Piel y del Tejido Celular.**									
142	Gangrene	Gangrena									
143	Furuncle	Forúnculo									
144	Warm-acute abscess	Abscesos calientes agudos						1			1
145	Other diseases of the skin and its adnexa	Otras enfermedades de la piel									
	IX.	**IX.**									
	Diseases of the Organs of Locomotion.	**Enfermedades de los Órganos de la Locomoción.**									
146	Affections of the bones (nontuberculous)	Afecciones de los huesos (exceptuando la tuberculosis)									
147	Diseases of the joints (tuberculosis and rheumatism excepted).	Afecciones de las articulaciones (exceptuando la tuberculosis y el reumatismo).					1				1
148	Amputation	Amputación									
149	Other affections of the organs of locomotion	Otras afecciones de los órganos de la locomoción									
	X.	**X.**									
	Malformations.	**Vicios de Conformación.**									
150	Congenital malformations (stillbirths excepted)	Vicios de conformación congénitos (exceptuándose los de niños nacidos muertos).									
	XI.	**XI.**									
	Early Infancy.	**Primera Infancia.**									
151	Congenital debility, icterus and sclerema	Debilidad congénita, ictericia y esclerema					14	14			28
152	Other special diseases of early infancy	Otras enfermedades especiales de la primera edad					1	6			7
153	Lack of care	Falta de cuidados									
	XII.	**XII.**									
	Old Age.	**Vejez.**									
154	Senile debility	Debilidad senil					6	7			13
	XIII.	**XIII.**									
	Affections Produced by External Causes.	**Afecciones Producidas por Causas Exteriores.**									
155	Suicide by poison	Suicidio por envenenamiento									
156	Suicide by asphyxia	Suicidio por asfixia									
157	Suicide by hanging or strangulation	Suicidio por suspensión ó por estrangulación									
158	Suicide by submersion	Suicidio por submersión									
159	Suicide by firearms	Suicidio por armas de fuego									
160	Suicide by cutting instruments	Suicidio por instrumentos cortantes									
161	Suicide by jumping from high place	Suicidio por dejarse caer desde un punto elevado									
162	Suicide by crushing	Suicidio por aplastamiento									
163	Other suicides	Otros suicidios									
164	Fractures	Fracturas									
165	Dislocations	Luxaciones									
166	Other accidental traumatisms	Otros traumatismos accidentales			1		5				6
167	Burns	Quemaduras por el fuego						1			1
168	Burning by corrosive substances	Quemaduras por substancias corrosivas									
169	Insolation	Insolación									
170	Freezing	Congelación									
171	Electrical shocks	Conmoción eléctrica					2				2
172	Accidental submersion	Submersión accidental					2				2
173	Inanition	Inanición									
174	Inhalation of deleterious gases (suicide excepted)	Absorción de gases deletéreos									
175	Other acute poisonings	Otros envenenamientos agudos									
176	Other external violence	Otras violencias exteriores					2				2
	XIV.	**XIV.**									
	Ill-Defined Diseases.	**Enfermedades mal Definidas.**									
177	Dropsy	Hidropesía									
178	Sudden death	Muerte repentina									
179	Unspecified or ill-defined causes of death	Causas de muerte no especificadas ó mal definidas		1			1	2	1		5
	Total		2	1	6		476	446	42	1	974
	Grand total		3		6		922		43		974

NUMBER OF DEATHS BY RACE, SEX, AND AGE.

CAUSE OF DEATH.	Less than one day to thirty days.								From thirty days to one year.								From one to five years.								From five to ten years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
I.																																
General Diseases.																																
1. Typhoid fever (abdominal typhus)																					1	1								2		
4. Intermittent fever and malarial cachexia													1	1																		
4a. Malarial cachexia																					1											
5. Variola																						1										
6. Measles																																
8. Whooping cough																																
9. Diphtheria and croup																																
9a. Diphtheria																					1											
10. Grippe																													1			
12. Cholera, Asiatic																						1										
14. Dysentery													1	2							3	2							1	1		
15. Plague																																
17. Leprosy																																
18. Erysipelas																																
19. Other epidemic affections (beri-beri)																														1		
22. Malignant pustule and charbon (anthrax)																																
26. Tuberculosis of larynx																																
27. Tuberculosis of lungs																																
28. Tuberculosis of meninges													1	1								1										
29. Tuberculosis, abdominal							1														1	1								1		
33. Tuberculosis of other organs																																
34. Generalized tuberculosis														1																		
35. Scrofula																																
36. Syphilis																																
40. Cancer and other malignant tumors of the stomach and liver																																
42. Cancer and other malignant tumors of the female genitals																																
44. Cancer and other malignant tumors of the skin																																
45. Cancer and other malignant tumors of other organs and organs not specified																																
47. Acute articular rheumatism																																
48. Chronic rheumatism and gout																																
49. Scurvy																																
50. Diabetes																																
54. Anæmia chlorosis													1																			
55. Other general diseases																																
56. Acute alcoholism, or chronic																																
II.																																
Diseases of the Nervous System and the Organs of Special Sense.																																
60. Encephalitis																																
61. Meningitis, simple													12	11							3	4							1			
62. Progressive locomotor ataxia																																
63. Other diseases of the spinal cord																																
64. Cerebral congestion and hemorrhage																																
65. Cerebral softening																																
67. General paralysis																																
68. Other forms of insanity																																
69. Epilepsy																																
70. Eclampsia (nonpuerperal)					22	21							7	8																		
71. Convulsions of children					62	49							122	116																		
72. Tetanus					2	2																										
74. Other diseases of the nervous system																																
74b. Other diseases of the nervous system														3							1	4										
III.																																
Diseases of the Circulatory System.																																
77. Pericarditis																																
78. Acute endocarditis																																
79. Organic disease of the heart																																
80. Angina pectoris																																
81. Affections of the arteries (atheroma, aneurism, etc.)																																
82. Embolus and thrombosis																																
85. Hemorrhages																																
86. Other affections of the circulatory system																																
IV.																																
Diseases of the Respiratory System.																																
88. Affections of the larynx																																
90. Acute bronchitis					2								33	27							1	1								1		
91. Chronic bronchitis													11	18							2	5							1			
92. Broncho-pneumonia													1	1																		
93. Pneumonia													2								1											
95. Pulmonary congestion and apoplexy																																
97. Asthma																																
98. Pulmonary emphysema																																
V.																																
Diseases of the Digestive System.																																
100. Affections of the mouth and its adnexa																																
101. Affections of the pharynx																																

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	Less than one day to thirty days.								From thirty days to one year.								From one to five years.								From five to ten years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
V. Diseases of the Digestive System—Cont.																																
103. Ulcer of the stomach																																
104. Other affections of the stomach (cancer excepted)					1	1							1	9								1										
105. Diarrhea and enteritis (under 2 years)													1	1								1										
105a. Diarrhea and enteritis, chronic													3	4		1					8	6							1			
106. Diarrhea and enteritis (2 years and over)																																
107. Intestinal parasites																																
108. Hernias: Intestinal obstructions													2																			
110. Acute yellow atrophy of the liver													1																			
112. Cirrhosis of the liver																																
113. Biliary calculi																																
114. Other affections of the liver																																
116. Simple peritonitis (puerperal excepted)																																
118. Appendicitis and abscess of the iliac fossa																																
VI. Diseases of the Genito-Urinary System and its Adnexa.																																
119. Acute nephritis													1																			
120. Bright's disease																																
121. Other diseases of the kidneys and their adnexa																																
123. Diseases of the bladder																																
128. Uterine hemorrhage (nonpuerperal)																																
VII. The Puerperal State.																																
135. Puerperal hemorrhage																																
136. Other accidents of labor																																
137. Puerperal septicæmia																																
138. Albuminuria and puerperal eclampsia																																
VIII. Diseases of the Skin and Cellular Tissue.																																
144. Warm-acute abscess																																
IX. Diseases of the Organs of Locomotion.																																
147. Diseases of the joints (tuberculosis and rheumatism excepted)													1																			
X. Malformations.																																
150. Congenital malformations (stillbirths excepted)																																
XI. Early Infancy.																																
151. Congenital debility, icterus, and sclerema					11	11							3	3																		
152. Other special diseases of early infancy						1								4							1	1										
153. Lack of care																																
XII. Old Age.																																
154. Senile debility																																
XIII. Affections Produced by External Causes.																																
159. Suicide by firearms																																
160. Suicide by cutting instruments																																
164. Fractures																																
166. Other accidental traumatisms																																
167. Burns																																
171. Electrical shocks																																
172. Accidental submersion																																
173. Inanition																																
176. Other external violence																																
XIV. Ill-Defined Diseases.																																
177. Dropsy																																
179. Unspecified or ill-defined causes of death										1				1																		
Total					100	85	1			1			205	211		1					24	30							5	6		
Grand total					185		1		1				416		1						54								11			

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From ten to fifteen years.								From fifteen to twenty years.								From twenty to twenty-five years.								From twenty-five to thirty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
I. General Diseases.																																
1. Typhoid fever (abdominal typhus)						1															1											
4. Intermittent fever and malarial cachexia													2								1								2			
4a. Malarial cachexia													1																		1	
5. Variola																										1						
6. Measles																																
8. Whooping cough																																
9. Diphtheria and croup																																
9a. Diphtheria																																
10. Grippe																																
12. Cholera, Asiatic					1								2								3								5	1		
14. Dysentery																						1	1						1			
15. Plague																					2											
17. Leprosy																					1											
18. Erysipelas																																
19. Other epidemic affections (beri-beri)													3	4	1						3	2	2						3	4	3	
22. Malignant pustule and charbon (anthrax)																																
26. Tuberculosis of larynx																																
27. Tuberculosis of lungs					2	1							1	1							4	3						1	5	7	2	
28. Tuberculosis of meninges																						1										
29. Tuberculosis, abdominal																														1		
33. Tuberculosis of other organs																																
34. Generalized tuberculosis																																
35. Scrofula																																
36. Syphilis														1																		
40. Cancer and other malignant tumors of the stomach and liver																																
42. Cancer and other malignant tumors of the female genitals																																
44. Cancer and other malignant tumors of the skin																																
45. Cancer and other malignant tumors of other organs and organs not specified																																
47. Acute articular rheumatism																																
48. Chronic rheumatism and gout																																
50. Diabetes																																
54. Anæmia chlorosis																																
55. Other general diseases																																
56. Acute alcoholism, or chronic																																
II. Diseases of the Nervous System and the Organs of Special Sense.																																
60. Encephalitis																																
61. Meningitis, simple						1																										
63. Other diseases of the spinal cord																													1			
64. Cerebral congestion and hemorrhage																						1										
65. Cerebral softening																																
67. General paralysis														1								1										
68. Other forms of insanity																																
69. Epilepsy																																
70. Eclampsia (nonpuerperal)																																
71. Convulsions of children																																
72. Tetanus																													1			
74. Other diseases of the nervous system																																
74b. Other diseases of the nervous system																																
III. Diseases of the Circulatory System.																																
78. Acute endocarditis																					1											
79. Organic disease of the heart																					1	1								1	1	
80. Angina pectoris																														1		
81. Affections of the arteries (atheroma aneurism, etc.)																																
82. Embolus and thrombosis																						1							1			
85. Hemorrhages																																
86. Other affections of the circulatory system																																
IV. Diseases of the Respiratory System.																																
88. Affections of the larynx																																
90. Acute bronchitis																																
91. Chronic bronchitis																																
92. Broncho-pneumonia																																
93. Pneumonia													1									1										
94. Pleurisy																																
95 Pulmonary congestion and apoplexy																																
97. Asthma																																
98. Pulmonary empysema																																
V. Diseases of the Digestive System.																																
100. Affections of the mouth and its adnexa																																
101. Affections of the pharynx																																

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From ten to fifteen years.								From fifteen to twenty years.								From twenty to twenty-five years.								From twenty-five to thirty years.							
	A.		E		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
V. Diseases of the Digestive System—Cont.																																
103. Ulcer of the stomach																																
104. Other affections of the stomach (cancer excepted)																																
105. Diarrhea and enteritis (under 2 years)																																
105a. Diarrhea and enteritis, chronic																																
106. Diarrhea and enteritis (2 years and over)																																
107. Intestinal parasites																																
108. Hernias: Intestinal obstructions																																
110. Acute yellow atrophy of the liver																																
112. Cirrhosis of the liver																													1			
113. Biliary calculi																																
114. Other affections of the liver																																
116. Simple peritonitis (puerperal excepted)																																
117. Other affections of the digestive system (cancer and tuberculosis excepted)	1																															
118. Appendicitis and abscess of the iliac fossa																																
VI. Diseases of the Genito-Urinary System and its Adnexa.																																
119. Acute nephritis																																
120. Bright's disease																					1											
121. Other diseases of the kidneys and their adnexa																																
123. Diseases of the bladder																																
128. Uterine hemorrhage (nonpuerperal)																																
VII. The Puerperal State.																																
135. Puerperal hemorrhage																						2								1		
137. Puerperal septicæmia																						5								6		
138. Albuminuria and puerperal eclampsia																																
VIII. Diseases of the Skin and Cellular Tissue.																																
144. Warm-acute abscess																						1										
145. Other diseases of the skin and its adnexa																																
IX. Diseases of the Organs of Locomotion.																																
147. Diseases of the joints (tuberculosis and rheumatism excepted)																																
XI. Early Infancy.																																
151. Congenital debility, icterus, and sclerema																																
152. Other special diseases of early infancy																																
153. Lack of care																																
XII. Old Age.																																
154. Senile debility																																
XIII. Affections Produced by External Causes.																																
164. Fractures																																
166. Other accidental traumatisms																													2			
167. Burns						1																										
171. Electrical shocks																																
172. Accidental submersion																																
173. Inanition																																
175. Other acute poisonings																																
176. Other external violence																																
XIV. Ill-Defined Diseases.																																
177. Dropsy																																
179. Unspecified or ill-defined causes of death						1																										
Total					3	5							10	7	1						18	20	3		1		1		22	22	7	
Grand total					8								17		1						38		3		1		1		44		7	

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From thirty to thirty-five years.								From thirty-five to forty years.								From forty to forty-five years.								From forty-five to fifty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
I.																																
General Diseases.																																
1. Typhoid fever (abdominal typhus)																					1											
4. Intermittent fever and malarial cachexia					1		1																									
4a. Malarial cachexia						1									1						1											
5. Variola																																
6. Measles																																
9a. Diphtheria																																
10. Grippe																																
12. Cholera, Asiatic					1	1	1						1	1							2	1	1									
14. Dysentery													1		1						1		3						1	1		
15. Plague																																
17. Leprosy																																
18. Erysipelas																																
19. Other epidemic affections (beri-beri)							2								1								1								2	
20. Purulent infection and septicæmia																																
22. Malignant pustule and charbon (anthrax)																																
26. Tuberculosis of larynx														1																		
27. Tuberculosis of lungs					6	4							2	1	2						6		2						3	2	2	
28. Tuberculosis of meninges																																
29. Tuberculosis, abdominal																																
31. Cold abscess and abscess by congestion																																
33. Tuberculosis of other organs																															1	
34. Generalized tuberculosis																																
35. Scrofula																																
36. Syphilis																																
40. Cancer and other malignant tumors of the stomach and liver																																
42. Cancer and other malignant tumors of the female genitals																														1		
44. Cancer and other malignant tumors of the skin																																
45. Cancer and other malignant tumors of other organs and organs not specified																																
47. Acute articular rheumatism																																
48. Chronic rheumatism and gout																														1		
49. Scurvy																																
50. Diabetes																															1	
54. Anæmia chlorosis						1																										
55. Other general diseases																																
56. Acute alcoholism, or chronic																																
II.																																
Diseases of the Nervous System and the Organs of Special Sense.																																
60. Encephalitis																																
61. Meningitis, simple																																
62. Progressive locomotor ataxia																																
63. Other diseases of the spinal cord																																
64. Cerebral congestion and hemorrhage					1									1																		
65. Cerebral softening																																
67. General paralysis					1									1																		
68. Other forms of insanity																																
69. Epilepsy																																
70. Eclampsia (nonpuerperal)																																
71. Convulsions of children																																
72. Tetanus																						1										
74. Other diseases of the nervous system																																
74b. Other diseases of the nervous system																																
III.																																
Diseases of the Circulatory System.																																
77. Pericarditis													1																			
78. Acute endocarditis														1																		
79. Organic disease of the heart			1			1																	1							1	1	
80. Angina pectoris													1	2																1		
81. Affections of the arteries (atheroma, aneurism, etc.)																																
82. Embolus and thrombosis						1																										
85. Hemorrhages																																
86. Other affections of the circulatory system																																
IV.																																
Diseases of the Respiratory System.																																
88. Affections of the larynx																																
90. Acute bronchitis																																
91. Chronic bronchitis													1																			
92. Broncho-pneumonia																																
93. Pneumonia					1																											
94. Pleurisy																																
95. Pulmonary congestion and apoplexy																																
97. Asthma													1																			
98. Pulmonary emphysema																																

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From thirty to thirty-five years.				From thirty-five to forty years.				From forty to forty-five years.				From forty-five to fifty years.			
	A.	E.	F.	C.	A.	E.	F.	C.	A.	E.	F.	C.	A.	E.	F.	C.
	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.
V.																
Diseases of the Digestive System.																
100. Affections of the mouth and its adnexa															1	
103. Ulcer of the stomach																
104. Other affections of the stomach (cancer excepted)																
105. Diarrhea and enteritis (under 2 years)																
105a. Diarrhea and enteritis, chronic							1								1	
106. Diarrhea and enteritis (2 years and over)						1										
107. Intestinal parasites																
108. Hernias: Intestinal obstructions																
110. Acute yellow atrophy of the liver																
112. Cirrhosis of the liver																
113. Biliary calculi																
114. Other affections of the liver																
116. Simple peritonitis (puerperal excepted)			1													
117. Other affections of the digestive system (cancer and tuberculosis excepted)																
118. Appendicitis and abscess of the iliac fossa																
VI.																
Diseases of the Genito-Urinary System and its Adnexa.																
119. Acute nephritis	1															
120. Bright's disease				1				1				1				
121. Other diseases of the kidneys and their adnexa																
123. Diseases of the bladder			1													
128. Uterine hemorrhage (nonpuerperal)																
VII.																
The Puerperal State.																
135. Puerperal hemorrhage			2				1									
136. Other accidents of labor																
137. Puerperal septicæmia			1													
138. Albuminuria and puerperal eclampsia							2									
VIII.																
Diseases of the Skin and Cellular Tissue.																
144. Warm-acute abscess																
145. Other diseases of the skin and its adnexa																
IX.																
Diseases of the Organs of Locomotion.																
147. Diseases of the joints (tuberculosis and rheumatism excepted)																
XI.																
Early Infancy.																
151. Congenital debility, icterus, and sclerema																
152. Other special diseases of early infancy																
153. Lack of care																
XII.																
Old Age.																
154. Senile debility																
XIII.																
Affections Produced by External Causes.																
164. Fractures																
166. Other accidental traumatisms							1			1						
167. Burns																
171. Electrical shocks											2					
172. Accidental submersion											1					
173. Inanition																
175. Other acute poisonings																
176. Other external violence																
XIV.																
Ill-Defined Diseases.																
177. Dropsy																
179. Unspecified or ill-defined causes of death																
Total	1	1	12 13	5		1	10 11	6		1	14 3	8			5 8	7
Grand total	1	1	25	5			21	6		1	17	8			13	7

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From fifty upward.								Unknown.								Total.				Grand total.
	A.		E.		F.		C.		A.		E.		F.		C.		E.		F.		C.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
I. General Diseases.																							
1. Typhoid fever (abdominal typhus)						1													3	5			8
4. Intermittent fever and malarial cachexia																			7	1	1		9
4a. Malarial cachexia					1														4	1	2		7
5. Variola																	1			1			2
6. Measles																							
8. Whooping cough																							
9. Diphtheria and croup																			1				1
10. Grippe																			1				1
12. Cholera, Asiatic													1						16	5	2		23
14. Dysentery					2	1													11	8	5		24
15. Plague																			2				2
17. Leprosy																			1				1
18. Erysipelas																							
19. Other epidemic affections (beri-beri)					3		1												12	11	13		36
22. Malignant pustule and charbon (anthrax)																							
26. Tuberculosis of larynx																				1			1
27. Tuberculosis of lungs					8	2	1										1		37	21	9		68
28 Tuberculosis of meninges																			1	3			4
29. Tuberculosis, abdominal																			1	3	1		5
33. Tuberculosis of other organs																					1		1
34. Generalized tuberculosis																				1			1
35. Scrofula																							
36. Syphilis																				1			1
40. Cancer and other malignant tumors of the stomach and liver						1														1			1
42. Cancer and other malignant tumors of the female genitals						1														2			2
44. Cancer and other malignant tumors of the skin					1														1				1
45. Cancer and other malignant tumors of other organs and organs not specified						2														2			2
47. Acute articular rheumatism																							
48. Chronic rheumatism and gout					2	2													2	3			5
50. Diabetes					1														1		1		2
54. Anæmia chlorosis																			1	1			2
55. Other general diseases																							
56. Acute alcoholism, or chronic																							
II. Diseases of the Nervous System and the Organs of Special Sense.																							
60. Encephalitis						1														1			1
61. Meningitis, simple						1													16	17			33
63. Other diseases of the spinal cord																			1				1
64. Cerebral congestion and hemorrhage					7														8	2			10
65. Cerebral softening																							
67. General paralysis																			1	3			4
68. Other forms of insanity																							
69. Epilepsy																							
70. Eclampsia (nonpuerperal)																			29	29			58
71. Convulsions of children																			184	165			349
72. Tetanus					1														4	3			7
74. Other diseases of the nervous system																							
74b. Other diseases of the nervous system																			1	7			8
III. Diseases of the Circulatory System.																							
77. Pericarditis																			1				1
78. Acute endocarditis																			1	1			2
79. Organic disease of the heart						1	1										1		1	5	4		11
80. Angina pectoris					1														2	4			6
81. Affections of the arteries (atheroma, aneurism, etc.)					1														1				1
82. Embolus and thrombosis																			1	2			3
85. Hemorrhages																							
86. Other affections of the circulatory system																							
IV. Diseases of the Respiratory System.																							
88. Affections of the larynx																							
90. Acute bronchitis																			36	29			65
91. Chronic bronchitis			1		2												1		17	23			41
92. Broncho-pneumonia																			1	1			2
93. Pneumonia					1														6	1			7
95. Pulmonary congestion and apoplexy																							
96. Gangrene of the lungs																							
97. Asthma					1	2													2	2			4
98. Pulmonary emphysema																							
V. Diseases of the Digestive System.																							
100. Affections of the mouth and its adnexa																			1				1
101. Affections of the pharynx																							
103. Ulcer of the stomach					1														1				1
104. Other affections of the stomach (cancer excepted)																			2	11			13
105. Diarrhea and enteritis (under 2 years)																			1	2			3
105a. Diarrhea and enteritis, chronic																			13	11		1	25
106. Diarrhea and enteritis (2 years and over)						1											1			1			2

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From fifty upward.								Unknown.								Total.								Grand total.
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
V. Diseases of the Digestive System—Continued.																									
107. Intestinal parasites																									
108. Hernias: Intestinal obstructions																					2				2
110. Acute yellow atrophy of the liver																					1				1
112. Cirrhosis of the liver					1	1															2	1			3
113. Biliary calculi																									
114. Other affections of the liver			1																1						1
116. Simple peritonitis (puerperal excepted)						1																2			2
118. Appendicitis and abscess of the iliac fossa																									
VI. Diseases of the Genito-Urinary System and its Adnexa.																									
119. Acute nephritis																	1				1				2
120. Bright's disease					1																2	1	2		5
123. Diseases of the bladder																					1				1
128. Uterine hemorrhage (nonpuerperal)																									
129. Tumor, uterine (noncancerous)																									
VII. The Puerperal State.																									
135. Puerperal hemorrhage																						6			6
136. Other accidents of labor																									
137. Puerperal septicæmia																						12			12
138. Albuminuria and puerperal eclampsia																						2			2
VIII. Diseases of the Skin and Cellular Tissue.																									
144. Warm-acute abscess																						1			1
IX. Diseases of the Organs of Locomotion.																									
147. Diseases of the joints (tuberculosis and rheumatism excepted)																					1				1
X. Malformations.																									
150. Congenital malformations (stillbirths excepted)																									
XI. Early Infancy.																									
151. Congenital debility, icterus, and sclerema																					14	14			28
152. Other special diseases of early infancy																					1	6			7
153. Lack of care																									
XII. Old Age.																									
154. Senile debility					6	7															6	7			13
XIII. Affections Produced by External Causes.																									
164. Fractures																									
166. Other accidental traumatisms					1								1						1		5				6
167. Burns																						1			1
171. Electrical shocks																					2				2
172. Accidental submersion													1								2				2
175. Other acute poisonings																									
176. Other external violence													2								2				2
XIV. Ill-Defined Diseases.																									
177. Dropsy																									
179. Unspecified or ill-defined causes of death													1		1				1		1	2	1		5
Total			2		42	25	3						6		1		2	1	6		476	446	42	1	974
Grand total			2		67		3						6		1		3		6		922		48		974

Number of Deaths with Causes Occurring Among Transients in Manila During the Month of November. These Deaths Are Not Included in Preparing Death Rate of City.

			Americans.		Foreigners.		Filipinos.		Chinese.		Total.
			M.	F.	M.	F.	M.	F.	M.	F.	
	I. General Diseases.	**I. Enfermedades Generales.**									
12	Asiatic cholera	Cólera asiático					2	1			3
14	Dysentery	Disentería						1			1
19	Other epidemic affections (beri-beri)	Otras afecciones epidémicas (beri-beri)					4	1			5
27	Tuberculosis of lungs	Tuberculosis de los pulmones					5	1			6
28	Tuberculosis of meninges	Tuberculosis de las meninges					1				1
45	Cancer and other malignant tumors of other organs and organs not specified.	Cáncer y otros tumores malignos en otros órganos					1				1
54	Anæmia, chlorosis	Anemia clorosis					1				1
	II. Diseases of the Nervous System and the Organs of Special Sense.	**II. Enfermedades del Sistema Nervioso y otros Organos de los Sentidos Especiales.**									
61	Simple meningitis	Meningitis simple						1			1
71	Convulsions of children	Convulsiones infantiles					2	2			4
72	Tetanus	Tétanos					1				1
	III. Diseases of the Circulatory System.	**III. Enfermedades del Aparato Circulatorio.**									
79	Organic disease of the heart	Enfermedades orgánicas del corazón					2	2			4
80	Angina pectoris	Angina de pecho					2	1			3
	IV. Diseases of the Respiratory System.	**IV. Enfermedades del Sistema Respiratorio.**									
90	Acute bronchitis	Bronquitis aguda					1				1
91	Chronic bronchitis	Bronquitis crónica					2				2
98	Pneumonia	Neumonia				1	9				10
	V. Diseases of Digestive System.	**V. Enfermedades del Aparato Digéstivo.**									
105	Diarrhea and enteritis (under two years)	Diarrea y enteritis (en menores de dos años)					1				1
105a	Chronic diarrhea and enteritis	Diarrea y enteritis crónica					1	1			2
108	Hernias; intestinal obstructions	Hernias; obstrucciones intestinales					1				1
	VI. Diseases of the Genito-Urinary System and its Adnexa.	**VI. Enfermedades del Aparato Genito-Urinario y sus Anexos.**									
120	Bright's disease	Enfermedad de Bright	1								1
	VII. The Puerperal State.	**VII. Periodo Puerperal.**									
137	Puerperal septicæmia	Septicemia puerperal									0
	XII. Old Age.	**XII. Vejez.**									
154	Senile debility	Debilidad senil					1				1
	XIII. Affections Produced by External Causes.	**XIII. Afecciones Producidas por Causas Externas.**									
167	Burns	Quemaduras por el fuego						1			1
172	Accidental submersion	Submersión accidental	1								1
	Total		2			1	37	12			52

Bilibid Prison Report of Deaths Occurring During the Month of November, 1903.

	Presidio.				Carcel.				Total.	Condition.			Cemeteries.	
	Filipinos.		Chinese.		Filipinos.		Chinese.			Single.	Married.	Widower.	Loma.	Chinese.
	M.	F.	M.	F.	M.	F.	M.	F.						
Dysentery, amoebic	1								1					
Pulmonary tuberculosis	6				3				9					
Hepatic carcinoma	1								1					
Fatty degeneration of heart						1			1					
Pneumonia	7				5				12	13	12		25	
Senility	1								1					
Total	16				8	1			25	13	12		25	

Of the total number of deaths occurring during the month of November, 1903, 1,026, including transients, 690 were of persons less than 16 years of age. Of the remaining 336 adults of both sexes only 152, classed below, had definite occupations.

Males:	
Laborers	35
Tailors	4
Coachmen	7
Embroiderer	1
Carriers	2
Gate keeper	1
Carpenters	5
Confectioner	1
Masons	2
Fireman	1
Servant	1
Cigar makers	2
Musician	1
Messengers	3
Merchants	5
Painter	1
Clerks	10
Sailors	2
Shoemaker	1
Lawyer	1
Farmers	5
Males—Continued.	
Barber	1
Chair maker	1
Traders	10
Cashier	1
Actor	1
Blacksmith	1
Foreman	1
Total	107
Females:	
Seamstresses	18
Shopkeepers	5
Laundresses	10
Cigarette makers	10
Cook	1
Servant	1
Total	45
Grand total	152

Births Reported in November, 1903.[1]

Americans	6
Filipinos	397
Spaniards	5
Other Europeans.[1]	0
Chinese	1
All others	3
Total	412

[1] Incomplete.

Annual Birthrate per Thousand for the Month.

Americans	16.64
Filipinos	.00
Spaniards	5.24
Other Europeans	.00
Chinese	.57
All others	32.70
Average	22.80

Report of Prescriptions Filled at the Municipal Dispensary, Showing Districts, Sex, and Age of Persons to Whom Medicines Have Been Given During the Month of November, 1903.

Districts.	Americans.				Foreigners.				Filipinos.				Chinese.				Total.
	Adult.		Children.		Adult.		Children.		Adult.		Children.		Adult.		Children.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
Station A, Sanitary District No. 1, San Nicolas									20	9	0	10					39
Station C, Sanitary District No. 2, Tondo									2	3	0	2					7
Station F, Sanitary District No. 3, Quiapo									43	27	12	12					94
Station G, Sanitary District No. 4, Santa Cruz									51	26	7	10					94
Station I, Sanitary District No. 5, Sampaloc									84	65	45	41					235
Station J, Sanitary District No. 6, Intramuros									25	26	25	10					86
Station L, Sanitary District No. 7, Paco, Ermita, Malate, etc									35	47	21	9					112
Total									260	203	110	94					667

Report of Sick and Wounded City Poor Attended by Municipal Physicians During the Month of November, 1903.

Sanitary districts and physicians.	Foreigners.				Filipinos.				Chinese.				Total.	Cured		Deaths.		Number of visits.
	Adult.		Children.		Adult.		Children.		Adult.		Children.							
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.		M.	F.	M.	F.	
Sanitary District No. 1, San Nicolas, Dr. V. Cavanna					3	4	14	9					30	5	9	2	0	184
Sanitary District No. 2, Tondo, Dr. V. Pantoja					1	7	13	11					32	6	11	6	5	130
Sanitary District No. 3, Quiapo, Dr. P. Gabriel					6	5	14	11					36	11	9	4	4	76
Sanitary District No. 4, Santa Cruz, Dr. C. Reyes					3	6	19	11					39	15	10	3	3	250
Sanitary District No. 5, Sampaloc, Dr. F. Castañeda					21	16	20	25					82	21	21	9	5	212
Sanitary District No. 6, Intramuros, Dr. R. Perramon					11	14	16	30					71	12	28	7	5	194
Sanitary District No. 7, Paco, Ermita, Malate, Pandacan, Sta. Ana, Dr. C. Mora					13	17	20	31					81	16	11	10	15	188
Total					58	69	116	128					371	86	99	41	37	1,234

Monthly Report of San Lazaro Hospital, Women's and Leper Departments, for November, 1903.

	Leper department.							Women's department.				
	Europeans.		Filipinos.		Chinese.		Total.	Americans.	Europeans.	Filipinas.	Japanese.	Total.
	M.	F.	M.	F.	M.	F.						
Number of patients in hospital at last report	0	1	120	83	0	0	204	0	3	44	28	75
Number of patients received during the month	0	0	2	3	0	0	5	1	8	45	27	81
Number of patients discharged cured								1	2	37	32	72
Number of deaths	0	0	1	0	0	0	1	0	0	0	0	0
Number of patients remaining in hospitals	0	1	121	86	0	0	208	0	9	52	23	84

Bilibid Prison Sick Report for the Month of November, 1903.

Diseases.	Total sick as per last report.	Taken since last report.	Died.	Discharged.	Total number sick this date.
Asthma		1		1	
Asthenia from cocaine habit		1		1	
Burn of food		1		1	
Double pneumonia		2	1	1	
Dysentery, amœbic	1	20	2	17	2
Fatty degeneration of heart		1	1		
Fecal impaction		3	1	2	
Fever, malarial, intermittent		7		7	
Fever, malarial, remittent	1	14	2	12	1
Internal hemorrhoids		1		1	
Measles		3		3	
Morphinism and cocainism		1		1	
Multiple abscess of thigh		1		1	
Nephritis, acute		1	1		
Pneumonia		12	7	2	3
Post urethral abscess (operated)		1		1	
Retention of urine		1		1	
Senility (asthenia)		1	1		
Threatened abortion		1		1	
Tuberculosis	18	8	9	2	15
Uremia		3		3	
Senile debility		1			1
Anasarca		1			1
Total	20	86	25	58	23

Total number prisoners, 3,695. Insane, 34. Convalescents, 14. Disabled, 46.

General Inspection of Houses, Premises, Vaults, etc., with Improvements Ordered, Disinfected, Whitewashed, Cleaned, etc., by Medical Inspectors, Chief Sanitary Inspectors, and Sanitary Inspectors, for the Month of November, 1903.

1. Houses inspected by the Chief Sanitary Inspector	2,729
2. Houses reinspected for verification of work ordered	750
3. Houses inspected by sanitary inspectors	26,229
4. Houses reinspected by sanitary inspectors	5,368
5. Houses ordered cleaned (written)	14
6. Houses ordered cleaned (verbal)	4,258
7. Houses cleaned	4,002
8. Houses ordered whitewashed and painted	40
9. Houses whitewashed and painted	8
10. Houses disinfected	125
11. Number of houses recommended condemned and removed	21
12. Number of houses condemned and removed	0
13. Number of localities where "squatters" are located	23
14. Number of samples of water from wells sent to Laboratory	1
15. Number of reports from same	1
16. Number of fire plugs opened or closed for sanitary purposes	0
17. Number of hydrants recommended reopened	0
18. Number of houses where garbage has not been removed for two days	35
19. Number of persons reported sick to municipal physicians	192
20. Cesspools and vaults ordered cleaned	194
21. Cesspools cleaned	156
22. Yards ordered cleaned	1,419
23. Yards cleaned	1,232
24. Yards ordered repaired (repaved, etc.)	66
25. Yards repaired	27
26. Number of cholera cases reported by sanitary inspectors	4
27. Number of cholera cases reported by Auxiliary Advisory Board	3
28. Number of cholera cases found "alive"	13
29. Number of cholera cases found "dead"	15
30. Number of orders issued during the month	192
31. Number of orders complied with during the month	182
32. Number of orders awaiting action	320
33. Number of orders pending in court	14
34. Number of food tiendas in districts	1,526
35. Number of persons convicted for violation of food-prohibition order	1
36. Average in visiting each street and barrio during month	19.5
37. Number of regular inspectors on duty	46
38. Number of emergency inspectors on duty	0
39. Number of leper cases sent to San Lazaro Hospital	3
40. Number of plague cases reported	3
41. Number of smallpox cases reported	3
42. Houses in which traps are set	15,129
43. Houses in which bane is placed	3,154
44. Traps set	32,608
45. Plates with ratsbane placed	8,842
46. Rats caught by rat catchers	11,032
47. Rats caught by traps	8,457
48. Rats caught by poison	9
49. Rats purchased	53
50. Rat catchers employed	70

Station A.—San Nicolas.

Monthly Sanitary Report, Harbor and River, November 30, 1903.

Steamships inspected	28
Launches inspected	94
Schooners inspected	61
Lorchas inspected	306
Cascos inspected	878
Trips made by the Board of Health launch to the bay	46
Trips made by the Board of Health launch up the river	42
Cholera cases found on ships and other craft	3
Cholera cases found "alive"	1
Cholera cases found "dead"	2
Plague cases reported	0
Smallpox cases reported	0
Dead bodies found in river and harbor	6
Fumigated	2

Burials, November, 1903.

Cemeteries.	Number.
Loma (Government)	645
Paco (General Government)	20
Santa Cruz	4
Balic-Balic	122
Binondo	20
Maytubig	59
Malate	46
Pandacan	47
Chinese	46
Crematory	14
Santa Ana	22
American National Cemetery	4
San Pedro Macati	2
Total	1,051

25 of the above were stillbirths and 52 transient residents.

Disinterments, November, 1903.

Paco	9
Santa Cruz	3
Malate	1
Chinese	34
Total	47

Report of Crematories November, 1903.

Disposition.	Crematories.			
	Palomar.	Santa Cruz.	Paco.	Total.
Animals cremated:				
Horses, American	14		26	40
Horses, Australian	1		1	2
Horses, Filipino	19		82	101
Mules, American	5		8	13
Mules, Chinese	4		2	6
Cows	90		36	126
Carabaos	6		58	64
Calves	11		2	13
Goats	3			3
Dogs	210	5	17	232
Cats	116	13	12	141
Rats	9,007	10		9,017
Monkeys				
Fowls	658	50	2	710
Sheeps			1	1
Ducks				
Pigs	147		10	157
Ravens			1	1
Total	10,291	78	258	10,627
Loads cremated:				
House garbage	2,829	123	1,480	4,432
Trade refuse	344	18	49	411
Organic matter	66			66
Waste	225	12		237
Market refuse	275	9		284
Hemp, rotten	8			8
Condemned goods	2			2
Total	3,749	162	1,529	5,440

Report of Operations of the Pail Conservancy System for the Month of November, 1903.

Description.	New installations during month of November.		Total installations prior to November 30, 1903.		Pails removed and cleaned during the month.
	Installations.	Seats.	Installations.	Seats.	
Private houses	3	3	661	939	23,587
Public buildings			39	153	2,661
Public closets			11	170	9,387
Temporary collecting stations					3,558
Total	3	3	711	1,262	39,193

Number of collecting stations where pails are used, other than public closets, 6.
Estimated number of people habitually resorting to public closets daily, 20,000.
Number of vaults, cesspools, etc., cleaned by private scavengers, 208.
Number of vaults, cesspools, etc., cleaned by public excavators, ?
Number of pails cleaned in Mariquina during month, 5,915.
Number of full pails removed daily from temporary collecting stations, 119.
Number of pails repaired, 596.
Number of commodes repaired, 28.
Number of gallons of contents of vaults, cesspools, etc., removed by public excavators, ?
Number of barrels of contents of vaults, cesspools, etc., removed by private scavengers, 2,747.
Cost of collecting and cleaning pails for month of November, P. 3,724.25.
Cost per pail daily for collecting and cleaning pails, .095+.
Funds collected for installations in private houses during the month of November, 1903, 11.30 Philippines currency, 39.00 Mexican currency.
Funds collected for cleaning pails in private houses during the month of November, 1903, 229.08 Philippines currency, 1,729.10 Mexican currency.
Funds collected for cleaning vaults in private houses during the month of November, 1903, 11.25 Mexican currency.

Skeleton Report on Pail System for November, 1903.

Seats installed.	Inspections.	Closets repaired.	Pails cleaned.	Cost, work force.	Per pail.	Pails repaired.	Commodes repaired.	Collected.	Excavated.		No. of pails cleaned at Mariquina.
									Loads.	Gallons.	
3			39,193	[1] $3,724.25	[1] $0.095+	596	28	[1] $240.38 [2] $1,779.35			5,915

[1] Philippines currency. [2] Mexican currency.

Report of the Veterinary Division for the Board of Health for the Philippine Islands for the Month of November, 1903.

On arrival in city:

Number of cattle inspected	4,505
Number of carabaos inspected	665
Number of horses inspected	628
Number of hogs inspected	3,331
Number of sheep inspected	250
Number of goats inspected	60
Number of other animals inspected	7
Total	9,446

In Government abattoir:

Number of cattle slaughtered	2,124
Number of hogs slaughtered	5,040
Number of sheep slaughtered	81
Total	7,245
Number of cattle condemned and cremated	5
Number of hogs condemned and cremated	12
Number of horses condemned for glanders	7
Number of horses condemned for surra	1
Number of other animals condemned	58
Total	83

Report of Action on Licenses taken during the Month of November, 1903.

Business for the conduction of which license is desired.	License applications approved.	License applications disapproved.	Total applications acted on.	Applications awaiting action.	Business for the conduct of which license is desired.	License applications approved.	License applications disapproved.	Total applications acted on.	Applications awaiting action.
Bakery	5		5		License, first-class wholesale liquor	1		1	
Candy and sirup, make and sell	2		2		License, second-class liquor with restaurant	1		1	
Chocolate, make and sell	1		1		Medicinal compounds, manufacture and sell	1		1	
Distillery	3		3		Restaurant	10	1	11	
Establishment, cold storage	1		1		Sausage, make and sell	1		1	
Establishment, dyeing	1		1		Show, Chinese puppet	1		1	
Factory, soap	4		4		Store, drug (Chinese)	1		1	
House, boarding	1		1		Store, drug (native)	6		6	
House, lodging	2		2		Store, grocery	3	6	9	
Ice, manufacture	1		1		Store, to sell native wine	2	5	7	
Laundry	6		6		Theater	1		1	
Leather, tan and sell	4		4		Vermicelli, make and sell	1		1	
License, cinematograph	1		1		Waters, aerated, make and sell	5		5	
License, druggists, liquor	2		2						
License, first-class liquor with restaurant	2		2		Total	70	12	82	

Report of Disinfections for the Month of November, 1903.

Diseases.	Number of disinfections.	Number of contacts.
Cholera	29	94
Bubonic plague	3	40
Smallpox	4	3
Leprosy	1	0
Glanders	11	0
Surra	1	0
Pseudofarcy	2	0
Insanitary condition	28	0
Total	79	137

Reports Received of Lepers Living in the Various Provinces of the Philippine Islands to November 30, 1903.

Province.	Race.	Number of men.	Number of women.	Children.		Single.		Married.		Widower.	Widow.	Total.
				M.	F.	M.	F.	M.	F.			
Antique	Filipinos	92	37	2	2	38	28	42	4	12	5	133
Batangas	do	19	5			12	3	3	3	3		24
Bataan	do	10	4	1	1	5		3	2	2	2	16
Benguet	Igorrotes	31	10	1	1	1		21	10	9		43
Ambos Camarines	Filipinos	33	17	1	1	24	12	8	5	1		52
Bulacan	do	17	9	2	1	12	6	5	3			29
Ilocos Norte	do	45	28	5	2	9	10	31	8	5	10	80
Ilocos Sur	do	176	84	4	2	101	50	66	17	14	12	266
Leyte	do	49	38	1	3	26	27	20	7	3	4	91
Masbate	do	51	35	25	10	22	15	23	19	2	5	121
Cagayan	do	46	30		3	20	10	20	19	6	1	79
Lepanto	do	14	4	1		5	1	8		1	3	19
Cavite	do	17	5		3	16	3	1			2	25
Nueva Ecija	do	44	24			19	12	22	8	2	5	68
Negros Occidental	do	26	11	5	1	17	10	8	1	1		43
Pampanga	do	8	5	2		3	1	5	3	1		15
Pangasinan	do	120	80	2	3	36	28	65	38	19	14	205
Rizal	do	41	24	2		19	12	21	7	3	3	67
Marinduque	do	1	1	1			1	1				3
Laguna	do	2						2				2
San Lazaro[1]	do	100	77	21	10	67	42	26	19	7	16	208
Tarlac	do	27	24	11	4	7	9	17	11	2	5	66
Sorsogon	do	75	33	1	1	33	17	40	10	3	5	110
Romblon	do	5	10			3	6	2	3	1		15
Samar	do	39	32	13	8	17	9	21	18	3	3	92
Union	do	43	28	3		15	14	24	12	4	2	74
Zambales	do	58	35	2		30	15	26	13	4	5	95
Mindanao	Moros	140	74	3	3	84	46	45	18	9	12	220
Cebu	Filipinos	171	89	5	4	136	64	33	21	3	3	269
Iloilo	do	231	66	11	2	113	37	94	9	24	20	310
Negros Oriental	do	66	42	6	2	27	23	32	14	7	5	116
Isabela de Luzon	do	18	4	1		3	1	10	3	5		23
Tayabas	do	1								1		1
Albay	do	68	33	1	1	30	18	27	10	11	5	103
Nueva Vizcaya	do	13	12	2		7	3	4	6	2	3	27
Abra	do	11	6			5	4	5	2	1		17
Bohol	do	46	46	5	1	20	19	27	17	3	6	98
Capiz	do	44	33	19	9	26	24	13	12	1	1	105
Total		1,998	1,095	159	78	1,008	580	821	352	175	157	3,330

[1] 1 European (female).

List of Houses on which Plumbing Work has been Completed in Accordance with Orders issued from the Office of the Sanitary Engineer, November, 1903.

Number of house and street.	District.	Date completed.	Number of house and street.	District.	Date completed.
114 Nozaleda	Paco	Oct. 30, 1903	223 San Sebastian	Quiapo	Nov 19, 1903
256 Nueva	Malate	Nov. 3, 1903	36 Peñarrubia	San Nicolas	Do.
252 Diaz	Binondo	Do.	3 San Nicolas	do	Nov. 3, 1903
61 Lardizabal	Sampaloc	Nov. 5, 1903	Cosmopolitan Theater	Lavezares	Nov. 20, 1903
Plaza de Binondo	Binondo	Nov. 6, 1903	261 Solana	Intramuros	Do.
121 San Sebastian	Quiapo	Nov. 9, 1903	23-25 Plaza de Santa Ana	Quiapo	Do.
73 Arlegui	do	Nov. 10, 1903	20-24 Escolta	Binondo	Nov. 23, 1903
200 Alix	Sampaloc	Nov. 12, 1903	16 Arquisa	Ermita	Nov. 24, 1903
180-184 Ronquillo	Santa Cruz	Do.	19 Aceyteros	Tondo	Do.
131 Nueva	Ermita	Do.	278 Nueva (interior)	Malate	Do.
448 Lemery	Tondo	Nov. 14, 1903	578 Lemery	Tondo	Nov. 25, 1903
173 Real	Ermita	Do.	345-347 Azcarraga	do	Do.
193-201 Azcarraga	Tondo	Nov. 18, 1903	54 San Pedro	Quiapo	Nov. 26, 1903
148-152 Santo Cristo	San Nicolas	Do.	69 San Fernando	San Nicolas	Nov. 27, 1903
30 Marques de Comillas	Paco	Do.	99 Fundición	Intramuros	Nov. 29, 1903
110 Lara	San Nicolas	Nov. 19, 1903	B 2 Victoria	do	Nov. 30, 1903
54 Valderrama	do	Do.			

Total, 33 houses. Letters sent to owners for faulty work done, and to stations to issue orders, etc., 79.

Tabulated statement of the amount of vaccine virus distributed by the Board of Health during the month of November, 1903:

	Units.
United States Army	1,920
United Stated Navy	500
United States Public Health and Marine-Hospital Service	6,000
Inhabitants of the Philippine Islands (Manila not included)	18,200
Sold to the public	70
Used by public vaccinator and other institutions in the city of Manila	11,800
Total	38,490

Report of Vaccination, City of Manila, During the Month of November, 1903.

Chief Vaccinator, SATURNINO ESPEJO.

Districts.	Children.			Adults.			Totals.			Grand total.
	Filipinos.	Chinese.	Americans and foreigners.	Filipinos.	Chinese.	Americans and foreigners.	Filipinos.	Chinese.	Americans and foreigners.	
Walled City	241		1	419		5	660		6	666
Binondo	59	9		221	440	3	280	449	3	732
San Nicolas	200		3	369	97	4	569	97	7	673
Tondo	558			320		1	878		1	879
Santa Cruz	388			438	10	8	826	10	8	844
Quiapo	220		2	523	8	20	743	8	22	773
San Miguel	243			366		5	609		5	614
Sampaloc	589		1	450		21	1,039		22	1,061
Paco	257			368	3		625	3		628
Ermita	113			254			367			367
Malate	120			174			294			294
Total	2,988	9	7	3,902	558	67	6,890	567	74	7,531

Smallpox Report for Manila from November 1 to November 30, 1903.

	Cases.	Deaths.
Filipinos, female	1	1
Americans, males	2	1
Total	3	2
Quiapo	2	1
Santa Cruz	1	1
Total	3	2
From 15 to 20 years	1	1
From 21 to 30 years	2	1
Total	3	2

Number of cases found "alive"	3
Number of cases found "dead"	0
Total	3

Daily Report of Bubonic Plague for Manila from November 1 to November 30, 1903.

	Cases.		Deaths.	
	M.	F.	M.	F.
Filipinos	2	0	2	0
Total	2	0	2	0

	Cases.	Deaths.
Santa Cruz	2	2
Total	2	2

	Cases.	Deaths.
From 20 years to 25 years	2	2
Total	2	2

Number of cases found "alive"	0
Number of cases found "dead"	2
Total	2

Report of Chinese Receiving Primary and Secondary Inoculations Against Plague, from Board of Health Physicians, November 1 to November 30, 1903.

District.	Primary inoculations.	Secondary inoculations.
San Nicolas	346	288
Tondo	391	346
Quiapo	159	98
Santa Cruz	971	655
Sampaloc	34	
Ermita, Malate, Paco, etc	256	128
Total for city	2,157	1,515

Cholera Report for Manila from November 1 to November 30, 1903.

	Males.		Females.	
	C.	D.	C.	D.
Filipinos	20	7	18	6
Chinese	2	1	2	
British Indian	1			
Total	23	8	20	6

	C.	D.
San Nicolas	6	6
Tondo	8	6
Quiapo	1	
Santa Cruz	5	5
Sampaloc	1	1
Intramuros	3	1
Ermita	1	2
Malate	2	1
Paco	3	3
Santa Ana	1	1
Total	31	26

	C.	D.
From 1 to 10 years	1	1
From 11 to 15 years	1	1
From 16 to 20 years	2	2
From 21 to 25 years	4	3
From 26 to 30 years	8	7
From 31 to 35 years	5	3
From 36 to 40 years	4	3
From 41 to 45 years	4	4
Unknown	2	2
Total	31	26

Number of cases found "alive"	16
Number of cases found "dead"	15
Total	31

Epidemic of Cholera in the City of Manila and Provinces from March 20, 1902, to November 1, 1903.

Months.	Manila.		Provinces.	
	Cases.	Deaths.	Cases.	Deaths.
1902.				
March	108	90		
April	586	406	1,927	1,417
May	550	442	2,407	1,631
June	601	492	5,204	4,097
July	1,368	1,053	7,757	5,807
August	720	581	11,247	7,874
September	273	179	43,346	27,410
October	87	57	30,837	18,572
November	336	236	12,353	6,681
December	85	24	5,918	3,583
1903.				
January	7	4	4,921	2,757
February	2	1	2,997	2,009
March	6	6	1,903	1,124
April	33	27	1,772	1,147
May	230	212	1,402	885
June	39	38	3,554	2,945
July	42	38	4,167	2,806
August	89	72	10,212	7,406
September	290	263	4,610	3,669
October	127	118	2,497	1,935
Total	5,529	4,339	159,031	103,755

Report of Cholera Occurring in Provinces in the Philippine Islands from November 1 to November 30, 1903.

Provinces and places.	Cases.	Deaths.	Total Cases.	Total Deaths.	Total Per cent.
Antique:					
Culasi	13	8	22	16	72
Pandan	9	8			
Bataan:					
Balanga	42	27	48	33	68
Mabatan	1	1			
Pilar	5	5			
Bohol, Tagbilaran	31	22	31	22	70
Bulacan:					
Bocaue	6	4	15	13	86
Bulacan	6	6			
Meycauayan	2	2			
Obando	1	1			
Camarines, Nueva Cáceres	1	3	1	3	[illegible]
Capiz, Dumarao	71	45	71	45	63
Cavite, Dasmariñas	8	5	8	5	62
Cebú:					
Alcoy	10	10	518	497	95
Alegria	118	111			
Aloguinsan	7	7			
Asturias	69	61			
Balamban	1	1			
Badian	99	99			
Borbon	1	1			
Carcar	29	23			
Cebú	1	1			
Compostela	66	66			
Dumanjug	5	5			
Cebu—Continued.					
Guinatalin	24	24			
Oslob	1	1			
Santander	16	16			
San Francisco	1	1			
San Fernando	23	23			
Sogod	1	1			
Tuburan	7	7			
Tudela	39	39			
Ilocos Sur, Vigan	51	34	51	34	66
Iloilo, Iloilo	16	13	16	13	81
Nueva Ecija, San Isidro	2	1	2	1	50
Rizal:					
Mariquina	4	3	12	10	83
Montalban	3	3			
San Mateo	5	4			
Surigao, Surigao	3	3			
Tarlac, Tarlac	46	36	3	3	100
Negros Occidental:			46	36	78
Bacolod	93	52	224	167	74
Ginigaran	27	16			
Panda	7	7			
Pulupandan	19	15			
Saravia	50	49			
Victoria	28	28			
Total			1,068	898	84.08

District of Mariquina, Rizal.—Monthly Sanitary Report, November, 1903.

Houses inspected by the chief sanitary inspector	1,033
Houses reinspected for verification of work ordered	196
Houses inspected by sanitary inspectors	12,388
Houses reinspected by sanitary inspectors	2,535
Houses ordered cleaned (verbal)	870
Houses cleaned	870
Houses disinfected	25
Number of houses where garbage has not been removed for two days	429
Number of persons reported sick to municipal physicians	51
Yards ordered cleaned	1,048
Yards cleaned	1,048
Yards ordered repaired (repaved, etc.)	771
Yards repaired	771
Number of cholera cases reported by sanitary inspectors	2
Number of cholera cases reported by auxiliary advisory board	2
Number of cholera cases found "alive"	3
Number of cholera cases found "dead"	1
Number of orders issued during the month	2,685
Number of orders complied with during the month	2,685
Number of food tiendas in district	260
Average in visiting each street and barrio during month	8
Number of regular inspectors on duty	1
Number of emergency inspectors on duty	8
Number of leper cases sent to San Lazaro Hospital	3

Station "S. M.," District of Mariquina, San Mateo.—Monthly Sanitary Report, November, 1903.

Houses inspected by the chief sanitary inspector	831
Houses inspected for verification of work ordered	348
Houses inspected by sanitary inspectors	12,028
Houses reinspected by sanitary inspectors	2,033
Houses ordered cleaned (written)	0
Houses ordered cleaned (verbal)	303
Houses cleaned	299
Houses ordered whitewashed and painted	0
Houses whitewashed and painted	0
Houses disinfected	8
Number of barns recommended condemned	2
Number of barns condemned and removed	2
Number of localities where "squatters" are located	0
Number of samples of water of wells sent to laboratories	0
Number of reports from same	0
Number of fire plugs opened or closed for sanitary purposes	0
Number of hydrants recommended reopened	0
Number of houses where garbage has not been removed for two days	0
Number of persons reported sick, office	31

Station "S. M.," District of Mariquina, San Mateo.—Monthly Sanitary Report, November, 1903.—Continued.

Cesspools and vaults ordered cleaned	0
Cesspools cleaned	0
Yards ordered cleaned	1,140
Yards cleaned	1,031
Yards ordered repaired (repaved, etc.)	0
Yards repaired	0
Number of cholera cases reported by sanitary inspectors	4
Number of cases of cholera reported by auxiliary advisory board	0
Number of cholera cases found alive	4
Number of cholera cases found dead	0
Number of orders issued during the month	0
Number of orders complied with during the month	0
Number of orders awaiting action	0
Number of orders pending in court	0
Number of food tiendas in district	0
Number of persons convicted for violation of sanitary orders	3
Average in visiting each street and barrio during the month	Once daily.
Number of regular inspectors on duty	0
Number of emergency inspectors on duty	6
Number of leper cases in San Mateo	3
Number of plague cases reported	0
Number of smallpox cases reported	0
Houses in which traps are set	0
Houses in which bane is placed	0
Traps set	0
Plates with ratsbane placed	0
Rats caught by rat catchers	0
Rats caught by trap	0
Rats caught by poison	0
Rats purchased	0
Rat catchers employed	0

Extract from Report of the Biological Laboratory for the Month of November, 1903, Board of Health Work.

	Positive.	Negative.	Total.		Positive.	Negative.	Total.
Gonococci	140	1,321	1,511	Carabaos for surra	155	921	
Glanders		1		Necropsies—			
Horses, for surra	3	1		Cholera			3
Rats received				Plague			1
Rats examined for plague			236	Others			8
Water for cholera							

Meteorological Data Deduced from Hourly Observations.

Date.	Barometer,[1] mean.		Temperature. Mean.		Temperature. Maximum.		Temperature. Minimum.		Relative humidity, mean.	Wind. Prevailing direction.	Wind. Total daily motion.		Wind. Maximum. Force.		Wind. Maximum. Direction.	Sunshine.	Rainfall.	
	Inches.	*mm.*	°*C.*	°*F.*	°*C.*	°*F.*	°*C.*	°*F.*	*Per ct.*		*Km.*	*Miles.*	*Km.*	*Miles.*		*h. m.*	*Inch.*	*mm.*
1	29.914	759.81	26.9	80.4	31.9	89.4	22.3	72.1	82.6	SE.	161	100	14	9	N.	4-55	0.059	1.5
2	29.919	59.93	25.5	77.9	28.1	82.5	22.0	71.6	85.7	N.	212	132	16	10	N.	0-00	0.091	2.3
3	29.886	59.11	24.8	76.6	28.8	83.8	21.4	70.6	90.6	SSE.	84	52	8	5	SSE.	0-00	0.024	0.6
4	29.845	58.06	27.1	80.8	31.6	88.8	22.3	72.1	81.0	WSW.	110	68	11	7	WSW.	7-45		
5	29.804	56.99	26.9	80.4	29.9	85.8	22.3	72.2	81.9	WSW.	130	81	15	9	WNW.	4-15		
6	29.727	55.04	27.1	80.8	29.9	85.8	22.6	72.7	81.9	N.	282	175	21	13	NW.	2-50	0.008	0.2
7	29.675	53.72	27.0	80.6	29.9	85.8	23.8	74.8	87.6	NE., ENE.	157	98	18	11	WNW.	0-00	0.051	1.3
8	29.691	54.12	27.1	80.8	29.4	85.0	21.6	70.9	79.0	WNW.	564	350	41	25	W.	0-00		
9	29.727	55.06	27.3	81.1	31.0	87.8	20.9	69.6	78.7	W.	293	182	24	15	WNW.	8-40		
10	29.794	56.74	27.1	80.8	30.5	86.9	22.6	72.7	82.0	S.	235	146	24	15	S.	9-35		
11	29.863	58.51	26.8	80.2	30.4	86.8	21.2	70.2	81.2	S.	155	96	19	12	NNE.	6-10		
12	29.887	59.13	27.2	81.0	31.1	88.0	22.8	73.0	76.0	SSW.	154	96	11	7	NW.	3-35		
13	29.867	58.61	27.2	81.0	30.9	87.6	21.6	70.8	79.5	SW.	154	96	16	10	W.	9-30		
14	29.882	58.99	27.5	81.5	32.3	90.2	22.6	72.7	79.8	NE., WSW.,	124	77	15	9	N.	7-25	0.106	2.7
15	29.861	58.46	27.3	81.1	32.1	89.8	22.0	71.6	76.7	W.	110	68	10	6	W.	8-40		
16	29.862	58.49	27.1	80.8	31.4	88.6	21.5	70.7	78.4	NE.	142	88	12	7	W.	8-05		
17	29.899	58.66	26.9	80.4	31.8	89.3	22.3	72.1	77.6	ENE.	162	101	24	15	N.	3-50		
18	29.874	58.77	26.6	79.9	31.6	88.8	22.3	72.2	80.1	ESE.	150	93	12	7	E.	2-30	0.020	0.5
19	29.898	59.39	27.4	81.3	33.3	91.9	21.7	71.0	73.5	NE.	166	103	20	12	NE. by E.	8-30		
20	29.886	59.09	27.0	80.6	31.6	88.8	21.9	71.4	73.9	E.	178	111	21	13	E.	5-00		
21	29.902	59.50	25.9	78.6	29.1	84.3	21.8	71.3	83.3	NNE.	125	78	11	7	NNW.	1-05	0.020	0.5
22	29.906	59.59	27.4	81.3	31.4	88.5	21.6	70.8	76.8	W.	154	96	17	11	W.	8-35		
23	29.926	60.09	26.8	80.2	30.6	87.1	21.3	70.3	73.6	NNE., ENE.	172	107	20	12	NNE.	6-50		
24	29.930	60.20	26.3	79.3	31.6	88.9	20.1	68.2	69.7	Variable.	114	71	12	7	WSW.	8-00		
25	29.924	60.06	25.2	77.4	30.8	87.5	18.2	64.8	74.1	NNW.	158	98	14	9	W. by S.	9-35		
26	29.923	60.02	24.8	76.6	29.7	85.5	19.5	67.1	76.1	E.	152	94	14	9	W.	5-00		
27	29.924	60.06	23.9	75.0	28.3	82.9	19.3	66.7	84.9	N.-NE.	178	111	20	12	N.	2-40	0.331	8.4
28	29.908	59.66	25.4	77.7	30.1	86.2	19.2	66.5	81.9	W.	132	82	14	9	WSW.	7-50		
29	29.912	59.75	25.4	77.7	28.6	83.5	20.4	68.7	86.3	NE., NW.	79	49	10	6	NW.	2-50	0.177	4.5
30	29.908	59.66	24.8	76.6	27.7	81.8	20.6	69.1	88.0	N.	184	114	15	9	N.	1-00	0.917	23.3
Mean	29.863	758.51	26.5	79.6	30.5	86.9	21.5	70.6	80.1		172.4	107.1	16.6	10.3		5-09		
Total											5171	3213				153-40	1.804	45.8

[1] Corrected for instrumental error and for temperature and reduced to sea level. Correction to standard gravity, —1.72 mm. (—0.068 inch).

GENERAL LIBRARY,
UNIV. OF MICH.
MAY 7 1904

MONTHLY REPORT

OF THE

Board of Health for the Philippine Islands

AND

CITY OF MANILA,

DECEMBER, 1903.

TO THE HON. DEAN C. WORCESTER, SECRETARY OF THE INTERIOR.

Maj. E. C. CARTER, M. D., U. S. Army,
Commissioner of Public Health.

Capt. E. L. MUNSON, A. M., M. D., U. S. Army,
Assistant to Commissioner of Public Health.

H. D. OSGOOD, B. S.,
Sanitary Engineer.

T. R. MARSHALL, M. D.,
Chief Health Inspector.

P. C. FREER, M. D., Ph. D.,
Superintendent of Government Laboratories.

MANUEL GOMEZ MARTINEZ, M. D.,
Secretary Board of Health.

MANILA:
BUREAU OF PUBLIC PRINTING.
1904.

13206

LETTER OF TRANSMITTAL.

DEPARTMENT OF THE INTERIOR,
BOARD OF HEALTH FOR THE PHILIPPINE ISLANDS,
OFFICE OF THE COMMISSIONER,
Manila, P. I., January 18, 1904.

SIR: I have the honor to transmit the following report of the operations of the Board of Health for the month of December, 1903:

The most important causes of mortality in the city of Manila during the month, with the number of deaths therefrom, were as follows:

Convulsions of children, 331; pulmonary tuberculosis, 73; eclampsia, nonpuerperal, 65; acute bronchitis, 56; chronic bronchitis, 37; beri-beri, 34; meningitis, 26; diarrhea and enteritis, 23; congenital debility, 23; senile debility, 21; dysentery, 15; malarial fevers, 15; cardiac disease, 13; Asiatic cholera, 11; typhoid fever, 10; acute nephritis, 6; pneumonia, 5; tetanus 5; plague, 2; smallpox, 2.

Both cases of plague occurred in Filipinos, who were dead when found. The two deaths from smallpox occurred in Americans, a class in which this disease assumes an unusually severe type.

The deaths from cholera were reduced during the month to 11, there being a gratifying reduction from the 26 deaths from this cause in November, the 118 in October, and the 263 in September. It is confidently anticipated that with continuance of the present measures the infection of cholera will be practically eradicated from the city during the month of January.

Of the total deaths reported in the city during the month, 60.6 per cent occurred in children who had not completed the first year of life. Of the total deaths occurring among the Filipino class of the population, 65.8 per cent occurred among children less than 12 months of age.

During the month two new free dispensaries were put in operation. As so far these institutions have been regarded with some distrust by the class of the population it is most desired to reach, especial efforts will be made to popularize their use by the indigent.

The following figures show the general sanitary work performed during the month: A total of 29,798 inspections and reinspections of houses was made; 3,731 houses were cleaned as a result of sanitary orders, 29 were painted and 77 disinfected; 1,169 yards were cleaned and 35 repaved, etc., under sanitary orders. A total of 186 orders for house repairs were complied with during the month, 302 still awaiting action. In the prevention of plague, 24,638 rats were destroyed. In the river and harbor work, sanitary inspections were made of 781 water craft. The carcasses of 12,207 animals and fowls were cremated, as also 5,989 loads of refuse. The veterinary division inspected 7,952 animals, of which number 169 were condemned and destroyed for disease. Plumbing work was completed in 37 houses, while the pail conservancy system removed and cleaned 45,009 pails and removed 85,500 gallons of material from vaults and cesspools. During the month 1,539 primary inoculations and 1,408 secondary inoculations were made against plague; 95,175 units of vaccine virus were issued for use throughout the Islands, and 7,406 vaccinations were performed in the city of Manila.

During the month a course of instruction for provincial health officers was put into operation in the city of Manila. This course extends over a period of four weeks, is wholly practical, and is intended to remedy deficiencies in sanitary training and induce common methods of executing sanitary work by the various provincial boards of health. The course will be repeated monthly until all presidents of provincial boards of health have enjoyed its advantages, which appear to be highly appreciated by those who composed the first class under instruction. The course of instruction includes municipal sanitary work at a district health station, including inspection of houses and foods, diagnosis and removal of plague and cholera cases, antiplague inoculations, treatment of plague houses and house disinfection. Several days are spent in the work of port quarantine and ship disinfection,

under the Chief Quarantine Officer; observation of the several methods in vogue for the reception and disposal of excreta and in plumbing inspection; instruction in clinical and post-mortem diagnosis of epidemic diseases of live stock and inspection of meat at abattoir; preparation of prophylactic sera and vaccines; also the methods of inoculating against rinderpest and the use of fungus against locusts; methods of vaccination and preparation of vaccination records; management and equipment of plague, cholera, smallpox, leper, venereal, morgue, crematory, and disinfecting departments of the San Lazaro hospitals, treatment of sick therein, making of post-mortem examinations and the disposal of the dead; keeping of sanitary records, calculation of vital statistics, and preparation and use of reports. It is believed that this course of instruction will materially improve the method of conducting sanitary work in the provinces.

Very respectfully,

E. L. MUNSON,
Captain and Assistant Surgeon, United States Army,
Acting Commissioner of Public Health.

The SECRETARY OF THE INTERIOR,
Manila, P. I.

Population of Manila.

[Preliminary rough count of census of 1903.]

Americans	4,389	Chinese	21,230
Filipinos	189,782	All others	895
Spaniards	2,528		
Other Europeans	1,117	Total	219,941

Deaths Occurring During the Month of December.

Americans	6
Filipinos	849
Spaniards	1
Other Europeans	1
Chinese	29
All others	5
Race unknown	3
Total	894

Annual Death Rate per Thousand for the Month.

Americans	16.10
Filipinos	52.70
Spaniards	4.66
Other Europeans	10.54
Chinese	16.09
All others	65.83
Average	47.89

A Classified Report of all Deaths Occurring in Manila During the Month of December, 1903.

Males.		Females.	
Married	102	Married	55
Widowers	19	Widows	29
Single	80	Single	27
Boys	327	Girls	277
Condition not stated in certificate	14	Condition not stated in certificate	5
Total	542	Total	393
Stillbirths	20	Grand total	935

Deaths by Age, including transients.

Under 30 days	111
30 days to 1 year	456
1 year to 2 years	22
2 years to 5 years	14
5 years to 10 years	2
10 years to 15 years	11
15 years to 20 years	43
20 years to 25 years	40
25 years to 30 years	37
30 years to 40 years	67
40 years to 50 years	45
50 years to 60 years	27
60 years to 70 years	18
70 years to 80 years	25
80 years to 90 years	6
90 years to 100 years	3
100 years and above	3
Unknown	5
Total	935
Stillbirths	20

Deaths by Districts, including transients.

Districts.	Population.	Deaths.
Walled City	11,463	35
Binondo	16,613	70
San Nicolas	29,059	63
Tondo	39,045	256
Santa Cruz	35,040	133
Quiapo	11,149	54
Sampaloc	18,779	104
San Miguel	8,838	27
Paco	6,725	57
Ermita	12,226	31
Malate	8,858	36
Pandacan	2,990	12
Santa Ana	3,255	13
Transient residents	15,901	41
Unknown		3
Total		935

Number of deaths with medical attendance	435
Number of deaths without medical attendance	500
Total	935

Comparative Mortality from January 1, 1900, to December 31, 1903.

Month.	1900.		1901.		1902.		1903.	
	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.
January	[1]1,055	50.79	[1]753	36.25	[1]760	36.58	[1]602	28.89
February	[1]884	47.11	[1]689	36.72	[1]706	37.63	[1]511	27.23
March	[1]887	42.70	[1]885	42.66	[1]770	37.06	[1]539	25.94
April	[1]805	40.04	[1]886	44.07	[1]1,327	66.01	[1]549	27.31
May	[1]732	35.24	[1]903	43.47	[1]1,688	81.26	[1]770	37.06
June	[1]599	29.79	[1]621	30.89	[1]1,418	70.54	[1]592	29.45
July	[1]787	37.88	[1]608	29.27	[1]2,223	107.02	[2]620	33.21
August	[1]825	39.71	[1]702	33.79	[1]1,712	82.42	[2]862	46.17
September	[1]1,027	50.01	[1]767	38.15	[1]1,132	56.31	[2]1,228	67.97
October	[1]961	46.23	[1]855	41.16	[1]927	44.62	[2]1,217	65.19
November	[1]976	48.48	[1]848	42.18	[1]1,035	51.48	[2]974	53.91
December	[1]905	43.54	[1]858	41.30	[1]753	36.25	[2]894	47.89

[1] Death rate computed on population of 244,732 (Health Department's census).
[2] Death rate computed on population of 219,941 (census 1903).

CAUSES OF DEATHS FOR THE MONTH OF DECEMBER, 1903.

(STILLBIRTHS NOT INCLUDED.)

	NOMENCLATURE DESIGNED FOR THE STATISTICS OF DEATH.	NOMENCLATURA PARA LAS ESTADÍSTICAS DE DEFUNCIONES.	Americans.		Europeans.		Filipinos.		Chinese.		Total.
			M.	F.	M.	F.	M.	F.	M.	F.	
	I.	**I.**									
	General Diseases.	**Enfermedades Generales.**									
1	Typhoid fever (abdominal typhus)	Fiebre tifoidea	1				6	2	1		10
2	Exanthematic typhus	Tifus exantemático									
3	Recurrent fever	Fiebre recurrente									
4	Intermittent fever, and malarial cachexia	Fiebre intermitente					5		2		7
4a	Malarial cachexia	Caquexia palúdica					3	3	2		8
5	Variola	Viruelas	2								2
6	Measles	Sarampión									
7	Scarlatina	Escarlatina									
8	Whooping cough	Tos ferina									
9	Diphtheria and croup	Difteria y crup									
9a	Diphtheria	Difteria									
10	Grippe	Gripe					3				3
11	Miliary fever	Fiebre miliar									
12	Asiatic cholera	Cólera asiático					4	5	2		11
13	Cholera, nostras	Cólera nostras									
14	Dysentery	Disentería			1		10	2	2		15
14a	Epidemic dysentery	Disentería epidémica									
15	Plague	Peste					1	1			2
16	Yellow fever	Fiebre amarilla									
17	Leprosy	Lepra						1			1
18	Erysipelas	Erisipelas									
19	Other epidemic affections (beri-beri)	Otras afecciones epidémicas (beri-beri)					18	9	7		34
20	Purulent infection and septicæmia	Infección purulenta y septicemia					1	1			2
21	Glanders and farcy	Muermo y lamparones									
22	Malignant pustule and anthrax	Pústula maligna y antrax									
23	Rabies	Rabia									
24	Actinomycosis, trichinosis, etc	Actinomicosis, trichinosis, etc									
25	Pellagra	Pelagra									
26	Tuberculosis of larynx	Tuberculosis de la laringe					2	1			3
27	Tuberculosis of lungs	Tuberculosis del pulmón					43	27	3		73
28	Tuberculosis of meninges	Tuberculosis de las meninges						1			1
29	Tuberculosis of abdomen	Tuberculosis abdominal					2				2
30	Pott's disease	Mal de Pott									
31	Cold abscess and abscess by congestion	Abscesos fríos y por congestión									
32	White swellings	Tumores blancos									
33	Tuberculosis of other organs	Tuberculosis de otros órganos									
34	Generalized tuberculosis	Tuberculosis generalizada									
35	Scrofula	Escrófula					1	1			2
36	Syphilis	Sífilis									
37	Gonorrhea of the adult	Blenorragia en los adultos									
38	Gonococcic infections of children	Afecciones gonocócicas en los niños									
39	Cancer and other malignant tumors of the buccal cavity.	Cáncer ú otros tumores malignos en la cavidad bucal									
40	Cancer and other malignant tumors of the stomach and liver.	Cáncer ú otros tumores malignos del estómago é hígado.									
41	Cancer and other malignant tumors of peritoneum, intestines, and rectum.	Cáncer ú otros tumores malignos del peritoneo, intestinos y recto.									
42	Cancer and other malignant tumors of the female genitals.	Cáncer ú otros tumores malignos de los órganos genitales de la mujer.						1			1
43	Cancer and other malignant tumors of the breast	Cáncer ú otros tumores malignos de la mama									
44	Cancer and other malignant tumors of the skin	Cáncer ú otros tumores malignos de la piel									
45	Cancer and other malignant tumors of other organs and organs not specified.	Cáncer ú otros tumores malignos en otros órganos									
46	Other tumors (tumors of the female genitals excepted)	Otros tumores (exceptuándose los de los órganos genitales de la mujer).									
47	Acute articular rheumatism	Reumatismo articular agudo					1				1
48	Chronic rheumatism, and gout	Reumatismo crónico y gota					1	2			3
49	Scurvy	Escorbuto									
50	Diabetes	Diabetes									
51	Exophthalmic goiter	Bocio exoftálmico									
52	Addisson's disease	Enfermedad bronceada de Addison									
53	Leukæmia	Leucemia									
54	Anæmia, chlorosis	Anemia, clorosis			1			1			2
55	Other general diseases	Otras enfermedades generales									
56	Acute alcoholism or chronic	Alcoholismo agudo ó crónico	1								1
57	Lead poisoning	Saturnismo									
58	Other poisonings incident to occupations	Otras intoxicaciones profesionales crónicas									
59	Other chronic poisonings	Otros envenenamientos crónicos									
	II.	**II.**									
	Diseases of the Nervous System and the Organs of Special Sense.	**Enfermedades del Sistema Nervioso y de los Órganos de los Sentidos.**									
60	Encephalitis	Encefalitis					3	2			5
61	Simple meningitis	Meningitis simple					16	10			26
61a	Epidemic cerebro-spinal meningitis	Meningitis cérebro-espinal epidémica									
62	Progressive locomotor ataxia	Ataxia locomotriz progresiva					1		1		2
63	Other diseases of the spinal cord	Otras enfermedades de la médula espinal									
64	Cerebral congestion and hemorrhage	Congestión y hemorragia cerebrales					5	4			9
65	Cerebral softening	Reblandecimiento cerebral									
66	Paralysis without apparent cause	Parálisis sin indicación de causa									
67	General paralysis	Parálisis generales					1	1			2

	NOMENCLATURE DESIGNED FOR THE STATISTICS OF DEATH.	NOMENCLATURA PARA LAS ESTADÍSTICAS DE DEFUNCIONES.	Americans. M.	Americans. F.	Europeans. M.	Europeans. F.	Filipinos. M.	Filipinos. F.	Chinese. M.	Chinese. F.	Total.
	II.—Diseases of the Nervous System and the Organs of Special Sense—Continued.	**II.—Enfermedades del Sistema Nervioso y de los Órganos de los Sentidos—Continuación.**									
68	Other forms of insanity	Otras formas de alienación mental							1		1
69	Epilepsy	Epilepsia									
70	Eclampsia (nonpuerperal)	Eclampsia (no puerperal)					38	27			65
71	Convulsions of children	Convulsiones en los niños		1			163	166	1		331
72	Tetanus	Tétano					2	3			5
73	Chorea	Corea									
74	Other diseases of the nervous system	Otras enfermedades del sistema nervioso						3			3
75	Diseases of the eye and its adnexa	Enfermedades de ojos y sus anexos									
76	Diseases of the ear	Enfermedades de los oídos									
	III.	**III.**									
	Diseases of the Circulatory System.	**Enfermedades del Aparato Circulatorio.**									
77	Pericarditis	Pericarditis									
78	Acute endocarditis	Endocarditis aguda					1				1
79	Organic disease of the heart	Enfermedades orgánicas del corazón					6	2	5		13
80	Angina pectoris	Angina de pecho						4			4
81	Affections of the arteries (atheroma, aneurism, etc.)	Afecciones de las arterias, etc					2	1			3
82	Embolus and thrombosis	Embolia y trombosis									
83	Affections of the veins (varices, hemorrhoides, phlebitis).	Afecciones de las venas									
84	Affections of the lymphatic system (lymphangitis, etc.).	Afecciones del sistema linfático									
85	Hemorrhages	Hemorragias									
86	Other affections of the circulatory system	Otras afecciones del aparato circulatorio									
	IV.	**IV.**									
	Diseases of the Respiratory System.	**Enfermedades del Aparato Respiratorio.**									
87	Diseases of the nasal fossæ	Enfermedades de las fosas nasales									
88	Affections of the larynx	Afecciones de la laringe					1				1
89	Affections of the thyroid body	Afecciones del cuerpo tiroideo									
90	Acute bronchitis	Bronquitis aguda					35	20	1		56
91	Chronic bronchitis	Bronquitis crónica					23	13	1		37
92	Broncho-pneumonia	Bronco-pneumonía					3	2			5
93	Pneumonia	Pneumonía					5				5
94	Pleurisy	Pleuresía									
95	Pulmonary congestion and apoplexy	Congestion y apoplegia pulmonares					3	1			4
96	Gangrene of the lungs	Gangrena del pulmón									
97	Asthma	Asma									
98	Pulmonary emphysema	Enfisema pulmonar									
99	Other diseases of the respiratory system (phthisis excepted).	Otras enfermedades del aparato respiratorio (exceptuándose la tísis).									
	V.	**V.**									
	Diseases of Digestive System.	**Enfermedades del Aparato Digestivo.**									
100	Affections of the mouth and its adnexa	Afecciones de la boca y de sus anexos									
101	Affections of the pharynx	Afecciones de la faringe									
102	Affections of the esophagus	Afecciones del esófago									
103	Ulcer of the stomach	Ulcera del estómago									
104	Other affections of the stomach (cancer excepted)	Otras afecciones del estómago (exceptuándose el cáncer).					4	6			10
105	Diarrhea and enteritis (under two years)	Diarrea y enteritis (en niños menores de 2 años)					1	2			3
105a	Chronic diarrhea and enteritis	Diarrea y enteritis crónica					13	6			19
106	Diarrhea and enteritis (two years and over)	Diarrea y enteritis (en niños de 2 ó más años)						1			1
107	Intestinal parasites	Parásitos intestinales									
108	Hernias; intestinal obstructions	Hernias; obstrucciones intestinales					3	3			6
109	Other affections of the intestines	Otras afecciones del intestino									
110	Acute yellow atrophy of the liver	Ictericia grave					1		1		2
111	Hydatid tumors of the liver	Tumores hidátidicos del hígado									
112	Cirrhosis of the liver	Cirrosis del hígado					1				1
113	Biliary calculi	Cálculos biliares									
114	Other affections of the liver	Otras afecciones del hígado			1		1				2
115	Affections of the spleen	Afecciones del bazo									
116	Simple peritonitis (puerperal excepted)	Peritonitis simple (exceptuándose la puerperal)									
117	Other affections of the digestive system (cancer and tuberculosis excepted).	Otras afecciones del aparato digestivo (exceptuándose el cáncer y tuberculosis).									
118	Appendicitis and abscess of the iliac fossæ	Apendicitis y filemón de la fosa iliaca									
	VI.	**VI.**									
	Diseases of the Genito-Urinary System and its Adnexa.	**Enfermedades del Aparato Génito Urinario y de sus Anexos.**									
119	Acute nephritis	Nefritis aguda					3	2	1		6
120	Bright's disease	Mal de Bright					3	2	1		6
121	Other diseases of the kidneys and their adnexa	Otras enfermedades de los riñones y de sus anexos									
122	Calculi of the urinary tract	Cálculos de las vías urinarias									
123	Diseases of the bladder	Enfermedades de la vegiga									
124	Diseases of the urethra, urinary abscess, etc	Enfermedades de la uretra									
125	Diseases of the prostate	Enfermedades de la próstata									
126	Nonvenereal diseases of the male genital organs	Enfermedades no venereas de los órganos genitales del hombre.									
127	Metritis	Metritis						1			1
128	Uterine hemorrhage (nonpuerperal)	Hemorragia uterina (no puerperal)						1			1
129	Tumor, uterine (noncancerous)	Tumor uterino (no canceroso)									
130	Other diseases of the uterus	Otras enfermedades del útero									
131	Cysts and other tumors of the ovary	Quistes y otros tumores del ovario									
132	Other diseases of the female genital organs	Otras enfermedades de los órganos genitales de la mujer.									
133	Nonpuerperal diseases of the breast (cancer excepted).	Enfermedades no puerperales de la mama (exceptuándose el cáncer).						1			1

	NOMENCLATURE DESIGNED FOR THE STATISTICS OF DEATH.	NOMENCLATURA PARA LAS ESTADÍSTICAS DE DEFUNCIONES.	Americans. M.	Americans. F.	Europeans. M.	Europeans. F.	Filipinos. M.	Filipinos. F.	Chinese. M.	Chinese. F.	Total.
	VII.	**VII.**									
	The Puerperal State.	**Estado Puerperal.**									
134	Accidents of pregnancy	Accidentes de la preñez									
135	Puerperal hemorrhage	Hemorragia puerperal						5			5
136	Other accidents of labor	Otros accidentes del parto									
137	Puerperal septicæmia	Septicemia puerperal						7			7
138	Albuminuria and puerperal eclampsia	Albuminuria y eclampsia puerperales									
139	Puerperal phlegmasia alba dolens	Flegmasia alba dolens puerperal									
140	Other puerperal accidents—sudden death	Otros accidentes puerperales—muerte repentina									
141	Puerperal diseases of the breast	Enfermedades puerperales de la mama									
	VIII.	**VIII.**									
	Diseases of the Skin and Cellular Tissue.	**Enfermedades de la Piel y del Tejido Celular.**									
142	Gangrene	Gangrena									
143	Furuncle	Forúnculo									
144	Warm-acute abscess	Abscesos calientes agudos									
145	Other diseases of the skin and its adnexa	Otras enfermedades de la piel									
	IX.	**IX.**									
	Diseases of the Organs of Locomotion.	**Enfermedades de los Órganos de la Locomoción.**									
146	Affections of the bones (nontuberculous)	Afecciones de los huesos (exceptuando la tuberculosis)									
147	Diseases of the joints (tuberculosis and rheumatism excepted).	Afecciones de las articulaciones (exceptuando la tuberculosis y el reumatismo).									
148	Amputation	Amputación									
149	Other affections of the organs of locomotion	Otras afecciones de los órganos de la locomoción									
	X.	**X.**									
	Malformations.	**Vicios de Conformación.**									
150	Congenital malformations (stillbirths excepted)	Vicios de conformación congénitos (exceptuándose los de niños nacidos muertos).									
	XI.	**XI.**									
	Early Infancy.	**Primera Infancia.**									
151	Congenital debility, icterus and sclerema	Debilidad congénita, ictericia y esclerema					12	11			23
152	Other special diseases of early infancy	Otras enfermedades especiales de la primera edad					5	3			8
153	Lack of care	Falta de cuidados					1				1
	XII.	**XII.**									
	Old Age.	**Vejez.**									
154	Senile debility	Debilidad senil					7	14			21
	XIII.	**XIII.**									
	Affections Produced by External Causes.	**Afecciones Producidas por Causas Exteriores.**									
155	Suicide by poison	Suicidio por envenenamiento									
156	Suicide by asphyxia	Suicidio por asfixia									
157	Suicide by hanging or strangulation	Suicidio por suspensión ó por estrangulación									
158	Suicide by submersion	Suicidio por submersión									
159	Suicide by firearms	Suicidio por armas de fuego									
160	Suicide by cutting instruments	Suicidio por instrumentos cortantes									
161	Suicide by jumping from high place	Suicidio por dejarse caer desde un punto elevado									
162	Suicide by crushing	Suicidio por aplastamiento									
163	Other suicides	Otros suicidios									
164	Fractures	Fracturas									
165	Dislocations	Luxaciones									
166	Other accidental traumatisms	Otros traumatismos accidentales	1				2	1	1		5
167	Burns	Quemaduras por el fuego									
168	Burning by corrosive substances	Quemaduras por substancias corrosivas									
169	Insolation	Insolación									
170	Freezing	Congelación									
171	Electrical shocks	Conmoción eléctrica									
172	Accidental submersion	Submersión accidental									
173	Inanition	Inanición									
174	Inhalation of deleterious gases (suicide excepted)	Absorción de gases deletéreos									
175	Other acute poisonings	Otros envenenamientos agudos									
176	Other external violence	Otras violencias exteriores									
	XIV.	**XIV.**									
	Ill-Defined Diseases.	**Enfermedades mal Definidas.**									
177	Dropsy	Hidropesía									
178	Sudden death	Muerte repentina									
179	Unspecified or ill-defined causes of death	Causas de muerte no especificadas ó mal definidas									
	Total		5	1	3		466	383	33		891
	Three males, nationality unknown										3
	Grand total		6		3		849		33		894

NUMBER OF DEATHS BY RACE, SEX, AND AGE.

CAUSE OF DEATH.	Less than one day to thirty days.								From thirty days to one year.								From one to five years.								From five to ten years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
I.																																
General Diseases.																																
1. Typhoid fever (abdominal typhus)																													1			
4. Intermittent fever and malarial cachexia																																
4a. Malarial cachexia																																
5. Variola																																
6. Measles																																
8. Whooping cough																																
9. Diphtheria and croup																																
9a. Diphtheria																																
10. Grippe													2																			
12. Cholera, Asiatic																																
14. Dysentery																																
15. Plague																																
17. Leprosy																																
18. Erysipelas																																
19. Other epidemic affections (beri-beri)																																
20. Puralent infection and septicæmia														1																		
22. Malignant pustule and charbon (anthrax)																																
26. Tuberculosis of larynx																																
27. Tuberculosis of lungs																							1									
28. Tuberculosis of meninges																							1									
29. Tuberculosis, abdominal																					1											
33. Tuberculosis of other organs																																
34. Generalized tuberculosis																																
35. Scrofula																																
36. Syphilis																																
40. Cancer and other malignant tumors of the stomach and liver																																
42. Cancer and other malignant tumors of the female genitals																																
44. Cancer and other malignant tumors of the skin																																
45. Cancer and other malignant tumors of other organs and organs not specified																																
47. Acute articular rheumatism																																
48. Chronic rheumatism and gout																																
49. Scurvy																																
50. Diabetes																																
54. Anæmia chlorosis																																
55. Other general diseases																																
56. Acute alcoholism, or chronic																																
II.																																
Diseases of the Nervous System and the Organs of Special Sense.																																
60. Encephalitis																																
61. Meningitis, simple					3								10	8							3									1		
62. Progressive locomotor ataxia																																
63. Other diseases of the spinal cord																																
64. Cerebral congestion and hemorrhage																																
65. Cerebral softening																																
67. General paralysis																																
68. Other forms of insanity																																
69. Epilepsy																																
70. Eclampsia (nonpuerperal)					23	14							15	13																		
71. Convulsions of children		1			54	49							108	117	1						1											
72. Tetanus					1	2																	1									
74. Other diseases of the nervous system														1									2									
III.																																
Diseases of the Circulatory System.																																
77. Pericarditis																																
78. Acute endocarditis																																
79. Organic disease of the heart																																
80. Angina pectoris																																
81. Affections of the arteries (atheroma, aneurism, etc.)																																
82. Embolus and thrombosis																																
85. Hemorrhages																																
86. Other affections of the circulatory system																																
IV.																																
Diseases of the Respiratory System.																																
88. Affections of the larynx													1																			
90. Acute bronchitis					2	2							31	15	1						1	3										
91. Chronic bronchitis													17	11							5											
92. Broncho-pneumonia													1	2							2											
93. Pneumonia																																
95. Pulmonary congestion and apoplexy					1	1																										
97. Asthma																																
98. Pulmonary emphysema																																
V.																																
Diseases of the Digestive System.																																
100. Affections of the mouth and its adnexa																																
101. Affections of the pharynx																																

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	Less than one day to thirty days.				From thirty days to one year.				From one to five years.				From five to ten years.			
	A.	E.	F.	C.	A.	E.	F.	C.	A.	E.	F.	C.	A.	E.	F.	C.
	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.
V. Diseases of the Digestive System—Cont.																
103. Ulcer of the stomach																
104. Other affections of the stomach (cancer excepted)							3 5									
105. Diarrhea and enteritis (under 2 years)			1				1 1									
105a. Diarrhea and enteritis, chronic							6 1				5 5					
106. Diarrhea and enteritis (2 years and over)											1					
107. Intestinal parasites																
108. Hernias: Intestinal obstructions			1				3 1									
110. Acute yellow atrophy of the liver																
112. Cirrhosis of the liver																
113. Biliary calculi																
114. Other affections of the liver																
116. Simple peritonitis (puerperal excepted)							1									
118. Appendicitis and abscess of the iliac fossa																
VI. Diseases of the Genito-Urinary System and its Adnexa.																
119. Acute nephritis							1				1					
120. Bright's disease																
121. Other diseases of the kidneys and their adnexa																
123. Diseases of the bladder																
127. Metritis																
128. Uterine hemorrhage (nonpuerperal)																
133. Nonpuerperal diseases of the breast (cancer excepted)																
VII. The Puerperal State.																
135. Puerperal hemorrhage																
136. Other accidents of labor																
137. Puerperal septicæmia																
138. Albuminuria and puerperal eclampsia																
VIII. Diseases of the Skin and Cellular Tissue.																
144. Warm-acute abscess																
IX. Diseases of the Organs of Locomotion.																
147. Diseases of the joints (tuberculosis and rheumatism excepted)																
X. Malformations.																
150. Congenital malformations (stillbirths excepted)																
XI. Early Infancy.																
151. Congenital debility, icterus, and sclerema			11 10				1 1									
152. Other special diseases of early infancy			2 1				1 2				2					
153. Lack of care			1													
XII. Old Age.																
154. Senile debility																
XIII. Affections Produced by External Causes.																
159. Suicide by firearms																
160. Suicide by cutting instruments																
164. Fractures																
166. Other accidental traumatisms																
167. Burns																
171. Electrical shocks																
172. Accidental submersion																
173. Inanition																
176. Other external violence																
XIV. Ill-Defined Diseases.																
177. Dropsy																
178. Sudden death																
179. Unspecified or ill-defined causes of death																
Total	1		98 81				201 179	2			20 15				1 1	
Grand total	1		179				380	2			35				2	

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From ten to fifteen years.								From fifteen to twenty years.								From twenty to twenty-five years.								From twenty-five to thirty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
I.																																
General Diseases.																																
1. Typhoid fever (abdominal typhus)						1							1												1				1			
4. Intermittent fever and malarial cachexia																					1								2			
4a. Malarial cachexia					1									1									1									
5. Variola																	1								1							
6. Measles																																
8. Whooping cough																																
9. Diphtheria and croup																																
9a. Diphtheria																																
10. Grippe													1																			
12. Cholera, Asiatic						1							2										1							1		
14. Dysentery														1					1		1								1			
15. Plague						1															1											
17. Leprosy																						1										
18. Erysipelas																																
19. Other epidemic affections (beri-beri)					2								9	1							3	4							1		3	
20. Purelent infection and septicæmia													1																			
22. Malignant pustule and charbon (anthrax)																																
26. Tuberculosis of larynx																													7	5		
27. Tuberculosis of lungs													4	3							5	1	1									
28. Tuberculosis of meninges																																
29. Tuberculosis, abdominal																																
33. Tuberculosis of other organs																																
34. Generalized tuberculosis																																
35. Scrofula																					1											
36. Syphilis																																
40. Cancer and other malignant tumors of the stomach and liver																																
42. Cancer and other malignant tumors of the female genitals																																
44. Cancer and other malignant tumors of the skin																																
45. Cancer and other malignant tumors of other organs and organs not specified																																
47. Acute articular rheumatism													1																			
48. Chronic rheumatism and gout																																
50. Diabetes																																
54. Anæmia chlorosis																																
55. Other general diseases																																
56. Acute alcoholism, or chronic																																
II.																																
Diseases of the Nervous System and the Organs of Special Sense.																																
60. Encephalitis					2								1																			
61. Meningitis, simple						1																										
62. Progressive locomotor ataxia																																
63. Other diseases of the spinal cord																																
64. Cerebral congestion and hemorrhage																						1										
65. Cerebral softening																																
67. General paralysis																														1		
68. Other forms of insanity																																
69. Epilepsy																																
70. Eclampsia (nonpuerperal)																																
71. Convulsions of children																																
72. Tetanus																																
74. Other diseases of the nervous system																																
III.																																
Diseases of the Circulatory System.																																
78. Acute endocarditis																																
79. Organic disease of the heart					1									1									2									
80. Angina pectoris																						1										
81. Affections of the arteries (atheroma, aneurism, etc.)																																
82. Embolus and thrombosis																																
85. Hemorrhages																																
86 Other affections of the circulatory system																																
IV.																																
Diseases of the Respiratory System.																																
88. Affections of the larynx																																
90. Acute bronchitis													1																			
91. Chronic bronchitis																																
92. Broncho-pneumonia																																
93. Pneumonia													1								1											
94. Pleurisy																																
95. Pulmonary congestion and apoplexy																																
97. Asthma																																
98. Pulmonary empysema																																
V.																																
Diseases of the Digestive System.																																
100. Affections of the mouth and its adnexa																																
101. Affections of the pharynx																																

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From ten to fifteen years.				From fifteen to twenty years.				From twenty to twenty-five years.				From twenty-five to thirty years.			
	A.	E.	F.	C.	A.	E.	F.	C.	A.	E.	F.	C.	A.	E.	F.	C.
	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.
V. Diseases of the Digestive System—Cont.																
103. Ulcer of the stomach																
104. Other affections of the stomach (cancer excepted)																
105. Diarrhea and enteritis (under 2 years)																
105a. Diarrhea and enteritis, chronic			1													
106. Diarrhea and enteritis (2 years and over)																
107. Intestinal parasites																
108. Hernias: Intestinal obstructions																
110. Acute yellow atrophy of the liver							1									1
112. Cirrhosis of the liver																
113. Biliary calculi																
114. Other affections of the liver										1						
116. Simple peritonitis (puerperal excepted)																
117. Other affections of the digestive system (cancer and tuberculosis excepted)																
118. Appendicitis and abscess of the iliac fossa																
VI. Diseases of the Genito-Urinary System and its Adnexa.																
119. Acute nephritis							1									
120. Bright's disease							1				1				1	
121. Other diseases of the kidneys and their adnexa																
123. Diseases of the bladder																
127. Metritis								1								
128. Uterine hemorrhage (nonpuerperal)															1	
133. Nonpuerperal diseases of the breast (cancer excepted)								1								
VII. The Puerperal State.																
135. Puerperal hemorrhage												1			2	
137. Puerperal septicæmia								3				1			3	
138. Albuminuria and puerperal eclampsia																
VIII. Diseases of the Skin and Cellular Tissue.																
144. Warm-acute abscess																
145. Other diseases of the skin and its adnexa																
IX. Diseases of the Organs of Locomotion.																
147. Diseases of the joints (tuberculosis and rheumatism excepted)																
XI. Early Infancy.																
151. Congenital debility, icterus, and sclerema																
152. Other special diseases of early infancy																
153. Lack of care																
XII. Old Age.																
154. Senile debility																
XIII. Affections Produced by External Causes.																
164. Fractures																
166. Other accidental traumatisms							1	1			1		1			
167. Burns																
171. Electrical shocks																
172. Accidental submersion																
173. Inanition																
175. Other acute poisonings																
176. Other external violence																
XIV. Ill-Defined Diseases.																
177. Dropsy																
178. Sudden death																
179. Unspecified or ill-defined causes of death																
Total			7	4			26	13	1	2	15	10	5	3	12	14	4
Grand total			11				39		1	2	25		5	3	26		4

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From thirty to thirty-five years.								From thirty-five to forty years.								From forty to forty-five years.								From forty-five to fifty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
I.																																
General Diseases.																																
1. Typhoid fever (abdominal typhus)						1								1								1		1								
4. Intermittent fever and malarial cachexia					1		1									1																
4a. Malarial cachexia														1									1								1	
5. Variola																																
6. Measles																																
9a. Diphtheria																																
10. Grippe																																
12. Cholera, Asiatic						2	1								1							1										
14. Dysentery														1		1						1	1	1						3		
15. Plague																																
17. Leprosy																																
18. Erysipelas																																
19. Other epidemic affections (beri-beri)						2									2	2																
20. Purulent infection and septicæmia																																
22. Malignant pustule and charbon (anthrax)																																
26. Tuberculosis of larynx					1									1																		
27. Tuberculosis of lungs					1	2	1							9	6							1	5	1						7	1	
28. Tuberculosis of meninges																																
29. Tuberculosis, abdominal																																
31. Cold abscess and abscess by congestion																																
33. Tuberculosis of other organs																																
34. Generalized tuberculosis																																
35. Scrofula																							1									
36. Syphilis																																
40. Cancer and other malignant tumors of the stomach and liver																							1									
42. Cancer and other malignant tumors of the female genitals															1																1	
44. Cancer and other malignant tumors of the skin																																
45. Cancer and other malignant tumors of other organs and organs not specified																																
47. Acute articular rheumatism																																
48. Chronic rheumatism and gout																																
49. Scurvy																																
50. Diabetes																																
54. Anæmia chlorosis			1																													
55. Other general diseases																																
56. Acute alcoholism, or chronic																									1							
II.																																
Diseases of the Nervous System and the Organs of Special Sense.																																
60. Encephalitis															1																	
61. Meningitis, simple																																
62. Progressive locomotor ataxia					1										1																	
63. Other diseases of the spinal cord																																
64. Cerebral congestion and hemorrhage																																
65. Cerebral softening																																
67. General paralysis																																
68. Other forms of insanity																								1								
69. Epilepsy																																
70. Eclampsia (nonpuerperal)																																
71. Convulsions of children																																
72. Tetanus																														1		
74. Other diseases of the nervous system																																
III.																																
Diseases of the Circulatory System.																																
77. Pericarditis																																
78. Acute endocarditis																																
79. Organic disease of the heart							1							1																2		1
80. Angina pectoris						1																									1	
81. Affections of the arteries (atheroma, aneurism, etc.)					2																											
82. Embolus and thrombosis																																
85. Hemorrhages																																
86. Other affections of the circulatory system																																
IV.																																
Diseases of the Respiratory System.																																
88. Affections of the larynx																																
90. Acute bronchitis																																
91. Chronic bronchitis																															1	
92. Broncho-pneumonia																																
93. Pneumonia					2																											
94. Pleurisy																																
95. Pulmonary congestion and apoplexy																														1		
97. Asthma																																
98. Pulmonary emphysema																																

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From thirty to thirty-five years.								From thirty-five to forty years.								From forty to forty-five years.								From forty-five to fifty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
V. Diseases of the Digestive System.																																
100. Affections of the mouth and its adnexa																																
103. Ulcer of the stomach																																
104. Other affections of the stomach (cancer excepted)					1		1																									
105. Diarrhea and enteritis (under 2 years)																																
105a. Diarrhea and enteritis, chronic																																
106. Diarrhea and enteritis (2 years and over)																																
107. Intestinal parasites																																
108. Hernias; Intestinal obstructions																																
110. Acute yellow atrophy of the liver																																
112. Cirrhosis of the liver					1																											
113. Biliary calculi																																
114. Other affections of the liver													1																			
116. Simple peritonitis (puerperal excepted)																																
117. Other affections of the digestive system (cancer and tuberculosis excepted)																																
118. Appendicitis and abscess of the iliac fossa																																
VI. Diseases of the Genito-Urinary System and its Adnexa.																																
119. Acute nephritis							1															1		1								
120. Bright's disease							1								1																	
121. Other diseases of the kidneys and their adnexa																																
123. Diseases of the bladder																																
127. Metritis																																
128. Uterine hemorrhage (nonpuerperal)																																
133. Monpuerperal diseases of the breast (cancer excepted)																																
VII. The Puerperal State.																																
135. Puerperal hemorrhage							2																									
136. Other accidents of labor																																
137. Puerperal septicæmia																																
138. Albuminuria and puerperal eclampsia																																
VIII. Diseases of the Skin and Cellular Tissue.																																
144. Warm-acute abscess																																
145. Other diseases of the skin and its adnexa																																
IX. Diseases of the Organs of Locomotion.																																
147. Diseases of the joints (tuberculosis and rheumatism excepted																																
XI. Early Infancy.																																
151. Congenital debility, icterus, and sclerema																																
152. Other special diseases of early infancy																																
153. Lack of care																																
XII. Old Age.																																
154. Senile debility																																
XIII. Affections Produced by External Causes.																																
164. Fractures																																
166. Other accidental traumatisms																								1								
167. Burns																																
171. Electrical shocks																																
172. Accidental submersion																																
173. Inanition																																
175. Other acute poisonings																																
176. Other external violence																																
XIV. Ill-Defined Diseases.																																
177. Dropsy																																
178. Sudden death																																
179. Unspecified or ill-defined causes of death																																
Total			1		10	13	4						15	11	6						5	8	6		1				14	3	2	
Grand total			1		23		4						26		6						13		6		1				17		2	

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From fifty upward.				Unknown.				Total.				Grand total.
	A.	E.	F.	C.	A.	E.	F.	C.	A.	E.	F.	C.	
	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	
I. General Diseases.													
1. Typhoid fever (abdominal typhus)			1						1		6	2 1	10
4. Intermittent fever and malarial cachexia			1								5	2	7
4a. Malarial cachexia			1	1							3	3 2	8
5. Variola									2				2
6. Measles													
8. Whooping cough													
9. Diphtheria and croup													
10. Grippe											3		3
12. Cholera, Asiatic			1								4	5 2	11
14. Dysentery			3							1	10	2 2	15
15. Plague											1	1	2
17. Leprosy												1	1
18. Erysipelas													
19. Other epidemic affections (beri-beri)			3	2							18	9 7	34
20. Purulent infection and septicæmia											1	1	2
22. Malignant pustule and charbon (anthrax)													
26. Tuberculosis of larynx				1							2	1	3
27. Tuberculosis of lungs			9	3							43	27 3	73
28 Tuberculosis of meninges												1	1
29. Tuberculosis, abdominal			1								2		2
33. Tuberculosis of other organs													
34. Generalized tuberculosis													
35. Scrofula											1	1	2
36. Syphilis													
40. Cancer and other malignant tumors of the stomach and liver													
42. Cancer and other malignant tumors of the female genitals												1	1
44. Cancer and other malignant tumors of the skin													
45. Cancer and other malignant tumors of other organs and organs not specified													
47. Acute articular rheumatism											1		1
48. Chronic rheumatism and gout			1	2							1	2	3
50. Diabetes													
54. Anæmia chlorosis				1						1		1	2
55. Other general diseases													
56. Acute alcoholism, or chronic									1				1
II. Diseases of the Nervous System and the Organs of Special Sense.													
60. Encephalitis				1							3	2	5
61. Meningitis, simple											16	10	26
62. Progressive locomotor ataxia											1	1	2
63. Other diseases of the spinal cord													
64. Cerebral congestion and hemorrhage			5	3							5	4	9
65. Cerebral softening													
67. General paralysis			1								1	1	2
68. Other forms of insanity												1	1
69. Epilepsy													
70. Eclampsia (nonpuerperal)											38	27	65
71. Convulsions of children										1	163	166 1	331
72. Tetanus											2	3	5
74. Other diseases of the nervous system												3	3
III. Diseases of the Circulatory System.													
77. Pericarditis													
78. Acute endocarditis			1								1		1
79. Organic disease of the heart			2	1 1							6	2 5	13
80. Angina pectoris				1								4	4
81. Affections of the arteries (atheroma, aneurism, etc.)				1							2	1	3
82. Embolus and thrombosis													
85. Hemorrhages													
86. Other affections of the circulatory system													
IV. Diseases of the Respiratory System.													
88. Affections of the larynx											1		1
90. Acute bronchitis											35	20 1	56
91. Chronic bronchitis			1	2							23	13 1	37
92. Broncho-pneumonia											3	2	5
93. Pneumonia			1								5		5
95. Pulmonary congestion and apoplexy			1								3	1	4
96. Gangrene of the lungs													
97. Asthma													
98. Pulmonary emphysema													
V. Diseases of the Digestive System.													
100. Affections of the mouth and its adnexa													
101. Affections of the pharynx													
103. Ulcer of the stomach													
104. Other affections of the stomach (cancer excepted)											4	6	10
105. Diarrhea and enteritis (under 2 years)											1	2	3
105a. Diarrhea and enteritis, chronic			1								13	6	19
106. Diarrhea and enteritis (2 years and over)												1	1

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From fifty upward.				Unknown.				Total.				Grand total.
	A.	E.	F.	C.	A.	E.	F.	C.	A.	E.	F.	C.	
	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	F.	M. F.	M. F.	M. F.	M. F.	M. F.	
V. Diseases of the Digestive System—Continued.													
107. Intestinal parasites													
108. Hernias: Intestinal obstructions			1								3 3		6
110. Acute yellow atrophy of the liver											1	1	2
112. Cirrhosis of the liver											1		1
113. Biliary calculi													
114. Other affections of the liver										1	1		2
116. Simple peritonitis (puerperal excepted)													
118. Appendicitis and abscess of the iliac fossa													
VI. Diseases of the Genito-Urinary System and its Adnexa.													
119. Acute nephritis											3 2	1	6
120. Bright's disease			1								3 2	1	6
123. Diseases of the bladder													
127. Metritis											1		1
128. Uterine hemorrhage (nonpuerperal)											1		1
129. Tumor, uterine (noncancerous)													
133. Nonpuerperal diseases of the breast (cancer excepted)											1		1
VII. The Puerperal State.													
135. Puerperal hemorrhage											5		5
136. Other accidents of labor													
137. Puerperal septicæmia											7		7
138. Albuminuria and puerperal eclampsia													
VIII. Diseases of the Skin and Cellular Tissue.													
144. Warm-acute abscess													
IX. Diseases of the Organs of Locomotion.													
147. Diseases of the joints (tuberculosis and rheumatism excepted)													
X. Malformations.													
150. Congenital malformations (stillbirths excepted)													
XI. Early Infancy.													
151. Congenital debility, icterus, and sclerema											12 11		23
152. Other special diseases of early infancy											5 3		8
153. Lack of care											1		1
XII. Old Age.													
154. Senile debility			7	14							7 14		21
XIII. Affections Produced by External Causes.													
164. Fractures													
166. Other accidental traumatisms									1		2 1	1	5
167. Burns													
171. Electrical shocks													
172. Accidental submersion													
175. Other acute poisonings													
176. Other external violence													
XIV. Ill-Defined Diseases.													
177. Dropsy													
178. Sudden death													
179. Unspecified or ill-defined causes of death													
Total			42	31	4				5	1	3	466 388	33	891
Three males, nationality unknown													3
Grand total			73		4				6		3	849	33	894

Number of Deaths with Causes Occurring Among Transients in Manila During the Month of December. These Deaths Are Not Included in Preparing Death Rate of City.

			Americans.		Foreigners.		Filipinos.		Chinese.		Total.
			M.	F.	M.	F.	M.	F.	M.	F.	
	I.	**I.**									
	General Diseases.	**Enfermedades Generales.**									
5	Typhoid fever (abdominal typhus)	Tifoida (tifus abdominal)	1								1
12	Cholera, Asiatic	Cólera asiático						1	1		2
14	Dysentery	Disenteria					3				3
19	Other epidemic affections (beri-beri)	Otras afecciones epidémicas (beri-beri)					1				1
27	Tuberculosis of lungs	Tuberculosis de los pulmones	1				2	4			7
54	Anemia, chlorosis	Anemia clorosis					1				1
	II.	**II.**									
	Diseases of the Nervous System and the Organs of Special Sense.	**Enfermedades del Sistema Nervioso y otros Organos del Sentido Especiales.**									
64	Cerebral congestion and hemorrhage	Congestion cerebral y hemorragia					1				1
70	Eclampsia (nonpuerperal)	Eclamsia no puerperal						1			1
71	Convulsions of children	Convulsiones infantiles					2	2			4
	III.	**III.**									
	Diseases of the Circulatory System.	**Enfermedades del Aparato Circulatorio.**									
78	Acute endocarditis	Endocarditis aguda					2				2
79	Organic disease of the heart	Enfermedades orgánicas del corazón					1				1
	IV.	**IV.**									
	Diseases of the Respiratory System.	**Enfermedades del Aparato Respiratorio.**									
93	Pneumonia	Pneumonia					8		1		9
	V.	**V.**									
	Diseases of Digestive System.	**Enfermedades del Aparato Digéstivo.**									
104	Other affections of the stomach (cancer excepted)	Otras afecciones del estómago (exeptuando cancer)						1	1		2
105a	Diarrhea and enteritis, chronic	Diarrea y enteritis crónica					2				2
112	Cirrhosis of the liver	Cirrosis del higado				1					1
114	Other affections of the liver	Otras afecciones del higado			1						1
	VII.	**VII.**									
	The Puerperal State.	**Período Puerperal.**									
135	Puerperal hemorrhage	Hemorragia puerperal						1			1
	XIV.	**XIV.**									
	Ill-defined Diseases.	**Enfermedades mal definidas.**									
178	Sudden death	Muerte repentina					1				1
	Total		2		1	1	24	10	3		41

Bilibid Prison Report of Deaths Occurring During the Month of December, 1903.

	Presidio.				Carcel.							Condition.			Cemeteries.	
	Filipinos.		Chinese.		Americans.		Filipinos.		Chinese.		Total.	Single.	Married.	Unknown.	Loma.	Chinese.
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.						
Dysentery, amœbic	4						[1]2				6					
Pulmonary tuberculosis	[1]3				1		3				7					
Acute endocarditis	1										1	13	13	1	27	
Pneumonia	11								1		12					
Purulent gastritis							[3]1				1					
Total	19				1		6		1		27	13	13	1	27	

[1] One Moro.

[3] Unknown.

Of the total number of deaths occurring during the month of December, 1903—935, including transients—616 were persons less than 16 years of age. Of the remaining 319 adults of both sexes only 140, classed below, had definite occupations.

Males:	
Laundryman	1
Contractors	2
Laborers	29
Coachmen	5
Lawyer	1
Sailors	8
Farmers	3
Hat maker	1
Painters	2
Carpenters	3
Carriers	4
Students	3
Servants	3
Gate keepers	2
Merchants	13
Cook	1
Silversmiths	2
Bar keeper	1
Messengers	2
Clerks	4
Grass sellers	2
Tailors	5
Mason	1
Steward	1

Males—Continued.	
Store keeper	1
Shop keeper	1
Carriage maker	1
Fishermen	2
Proprietor	1
Chair maker	1
Beggar	1
Total	107
Females:	
Laundresses	14
Seamstresses	7
Shop keepers	3
Beggar	1
Silversmith	1
Servants	2
Milliner	1
Cigar makers	4
Total	33
Grand total	140

Births Reported in December.[1]

Americans	2
Filipinos	384
Spaniards	6
Other Europeans	1
Chinese	0
All others	1
Total	394

Annual Birthrate per Thousand for the Month.

Americans	5.36
Filipinos	23.83
Spaniards	27.96
Other Europeans	10.54
Chinese	0
All others	13.16
Average	21.10

[1] Incomplete.

Report of Prescriptions Filled at the Municipal Dispensary, Showing Districts, Sex, and Age of Persons to Whom Medicines Have Been Given During the Month of December, 1903.

Districts.	Americans.				Foreigners.				Filipinos.				Chinese.				Total.
	Adult.		Children.		Adult.		Children.		Adult.		Children.		Adult.		Children.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
Station A, Sanitary District No. 1, San Nicolas									10	18	6	1					35
Station C, Sanitary District No. 2, Tondo									15	8	4	2					29
Station F, Sanitary District No. 3, Quiapo									26	31	9	11					77
Station G, Sanitary District No. 4, Santa Cruz									21	22	9	6					58
Station I, Sanitary District No. 5, Sampaloc									109	72	35	22					238
Station J, Sanitary District No. 6, Intramuros									28	29	13	7					77
Station L, Sanitary District No. 7, Paco, Ermita, Malate, etc									25	43	2	23					93
Total									234	223	78	72					607

Report of Sick and Wounded City Poor Attended by Municipal Physicians During the Month of December, 1903.

Sanitary districts and physicians.	Foreigners.				Filipinos.				Chinese.				Total.	Cured.		Deaths.		Number of visits.
	Adult.		Children.		Adult.		Children.		Adult.		Children.							
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.		M.	F.	M.	F.	
Sanitary District No. 1, San Nicolas, Dr. V. Cavanna					9	8	5	0					22	6	3	3	1	123
Sanitary District No. 2, Tondo, Dr. V. Pantoja					11	12	7	6					36	8	5	6	7	144
Sanitary District No. 3, Quiapo, Dr. P. Gabriel					9	13	4	2	1				29	9	8	2	1	78
Sanitary District No. 4, Santa Cruz, Dr. C. Reyes	1				10	10	5	2					28	10	6	0	2	146
Sanitary District No. 5, Sampaloc, Dr. F. Castañeda					29	32	10	14					85	19	20	5	8	227
Sanitary District No. 6, Intramuros, Dr. R. Perramon					23	18	12	9					62	19	21	4	1	165
Sanitary District No. 7, Paco, Ermita, Malate, Pandacan, Sta. Ana, Dr. C. Mora					15	24	6	15					60	7	12	8	8	138
Total	1				106	117	49	48	1				322	78	75	28	28	1,016

Monthly Report of San Lazaro Hospital, Women's and Leper Departments, for December, 1903.

	Leper department.							Women's department.				
	Europeans.		Filipinos.		Chinese.		Total.	Americans.	Europeans.	Filipinas.	Japanese.	Total.
	M.	F.	M.	F.	M.	F.						
Number of patients in hospital at last report	0	1	121	86	0	0	208	0	9	52	23	84
Number of patients received during the month	0	0	5	0	0	0	5	0	0	33	24	57
Number of patients discharged cured	0	0	0	1	0	0	1	0	9	55	38	102
Number of deaths	0	0	0	1	0	0	1	0	0	0	0	0
Number of patients escaped	0	0	3	1	0	0	4	0	0	0	0	0
Number of patients remaining in hospitals	0	1	123	83	0	0	207	0	0	30	9	39

One Filipino female discharged, diagnosis not leprosy; 1 female and 3 male Filipinos escaped; the 2 male Filipinos returned after being absent nineteen hours; 1 Filipino female died.

Nine Europeans, 54 Filipinos, and 38 Japanese discharged cured; 1 Filipina, age 11 years, turned over to her family to be taken to San Juan de Dios Hospital.

Bilibid Prison Sick Report for the Month of December, 1903.

Diseases.	Total sick as per last report.	Taken since last report.	Died.	Discharged.	Total number sick this date.
Acute endometritis		1		1	
Dysentery, amœbic	2	19	8	12	1
Endocarditis, chronic		1		1	
Fecal impaction		4		4	
Fever, malarial, intermittent		17		15	2
Fever, malarial, remittent	1	3		4	
Gastritis, acute		1		1	
Hematemesis		1			1
Intestinal colic		4		4	
Morphinism and cocainism		3		3	
Parenchimatous nephritis	1	3		3	1
Pleurodynia		2		2	
Pneumonia, lobar	3	17	11	8	1
Purulent gastritis		1	1		
Senile debility	1			1	
Smallpox		1			1
Tuberculosis	15	8	7	9	7
Total	23	86	27	68	14

Total number prisoners, 3,795; insane, 31; convalescents, 11; disabled, 53.

General Inspection of Houses, Premises, Vaults, etc., with Improvements Ordered, Disinfected, Whitewashed, Cleaned, etc., by Medical Inspectors, Chief Sanitary Inspectors, and Sanitary Inspectors, for the Month of December, 1903.

1. Houses inspected by the Chief Sanitary Inspector	2,580
2. Houses reinspected for verification of work ordered	599
3. Houses inspected by sanitary inspectors	21,596
4. Houses reinspected by sanitary inspectors	5,023
5. Houses ordered cleaned (written)	5
6. Houses ordered cleaned (verbal)	4,037
7. Houses cleaned	3,726
8. Houses ordered whitewashed and painted	40
9. Houses whitewashed and painted	29
10. Houses disinfected	77
11. Number of houses recommended condemned and removed	7
12. Number of houses condemned and removed	1
13. Number of localities where "squatters" are located	22
14. Number of samples of water from wells sent to Laboratory	1
15. Number of reports from same	0
16. Number of fire plugs opened or closed for sanitary purposes	0
17. Number of hydrants recommended reopened	0
18. Number of houses where garbage has not been removed for two days	38
19. Number of persons reported sick to municipal physicians	184
20. Cesspools and vaults ordered cleaned	296
21. Cesspools cleaned	222
22. Yards ordered cleaned	1,367
23. Yards cleaned	1,169
24. Yards ordered repaired (repaved, etc.)	46
25. Yards repaired	35
26. Number of cholera cases reported by sanitary inspectors	2
27. Number of cholera cases reported by Auxiliary Advisory Board	1
28. Number of cholera cases found "alive"	6
29. Number of cholera cases found "dead"	7
30. Number of orders issued during the month	195
31. Number of orders complied with during the month	186
32. Number of orders awaiting action	302
33. Number of orders pending in court	28
34. Number of food tiendas in districts	1,574
35. Number of persons convicted for violation of food-prohibition order	0
36. Average in visiting each street and barrio during month	18
37. Number of regular inspectors on duty	48
38. Number of emergency inspectors on duty	0
39. Number of leper cases sent to San Lazaro Hospital	1
40. Number of plague cases reported	3
41. Number of smallpox cases reported	2
42. Houses in which traps are set	14,630
43. Houses in which bane is placed	2,404
44. Traps set	31,569
45. Plates with ratsbane placed	7,440
46. Rats caught by rat catchers	14,627
47. Rats caught by traps	9,905
48. Rats caught by poison	0
49. Rats purchased	106
50. Rat catchers employed	70

Station A.—San Nicolas.

Monthly Sanitary Report, Harbor and River, December, 1903.

Cascos inspected	385
Steamships inspected	75
Launches inspected	151
Schooners inspected	53
Lorchas inspected	117
Trips made by the Board of Health launch to the bay	52
Trips made by the Board of Health launch up the river	48
Cholera cases found on ships and other craft	0
Cholera cases found "alive"	0
Cholera cases found "dead"	0
Plague cases reported	0
Smallpox cases reported	1
Dead bodies found in river and harbor	4
Craft fumigated	19

Burials, December, 1903.

Cemeteries.	Number.	Cemeteries.	Number.
Loma (Government)	571	Chinese	39
Paco (General Government)	24	Crematory	2
Santa Cruz	8	Santa Ana	19
Balic-balic	126	American National Cemetery	2
Binondo	16	San Pedro Macati	1
Tondo	0	Embalmed	0
Maytubig	58		
Malate	51	Total	955
Pandacan	38		

Twenty of the above were stillbirths and 41 transient residents.

Disinterments, December, 1903.

Paco	3
Loma	0
Balic-balic	1
Santa Cruz	9
Chinese Cemetery (for removal to China)	14
Malate	0
Total	27

Report of Disinfections for the Month of December, 1903.

Diseases.	Number of disinfections.	Number of contacts.
Cholera	14	126
Bubonic plague	3	16
Leprosy	1	0
Smallpox	1	8
Consumption	1	0
Glanders	12	0
Surra	14	0
Insanitary condition	35	0
Total	81	150

Report of Crematories December, 1903.

Disposition.	Crematories.			
	Palomar.	Santa Cruz.	Paco.	Total.
Animals cremated:				
Horses, American	1		38	39
Horses, Australian			5	5
Horses, Chinese			4	4
Horses, Filipino	12		154	166
Mules, American	1		1	2
Mules, Chinese			2	2
Carabaos	4		20	24
Cows	22		47	69
Calves	8		2	10
Dogs	167	5	43	215
Goats	3		21	24
Cats	149	16	29	194
Sheep			2	2
Monkeys	3		1	4
Fowls	641	56	16	713
Domestic birds	7		2	9
Pigs	145	1	39	185
Rats	10,372	66		10,438
Ducks	101			101
Deer	1			1
Total	11,637	144	426	12,207
Loads cremated:				
Garbage	2,853	180	1,349	4,382
Trade refuse	373	11	43	427
Organic matter	89			89
Rubbish	243		459	702
Market refuse	341	15		356
Condemned goods	29		4	33
Total	3,928	206	1,855	5,989

Report of Operations of the Pail Conservancy System for the Month of December, 1903.

Description.	New installations during month of December.		Total installations prior to December 31, 1903.		Pails removed and cleaned during the month.
	Installations.	Seats.	Installations.	Seats.	
Private houses	7	11	668	950	23,514
Public buildings			39	153	2,872
Public closets			11	170	9,025
Collecting stations					3,568
Total	7	11	718	1,273	38,979

Number of collecting stations where pails are used, other than public closets, 6.
Estimated number of people habitually resorting to public closets daily, 20,000.
Number of vaults, cesspools, etc., cleaned by private scavengers, 226.
Number of vaults, cesspools, etc., cleaned by public excavators, 25.
Number of pails cleaned in Mariquina during month, 6,130.
Number of pails repaired, 548. Number of commodes repaired, 56.
Contents removed from vaults, cesspools, etc., during the month of December, 1903, 85,500 gallons, 2,636 barrels.
Cost of collecting and cleaning pails for month of December, ₱5,039.10.
Cost per pail daily for collecting and cleaning pails, ₱0.132.
Funds collected for installations in private houses during the month of December, 1903, $52, Mexican currency.
Funds collected for cleaning pails in private houses during the month of December, 1903, ₱93.65 Philippines currency, $2,319.62, Mexican currency.

Skeleton Report on Pail System for December, 1903.

Seats installed.	Inspections.	Closets repaired.	Pails cleaned.	Cost, work force.	Per pail.	Pails repaired.	Commodes repaired.	Collected.	Excavated.		No. of pails cleaned at Mariquina.
									Loads.	Gallons.	
11			38,979	[1] $3,724.25	[1] ₱0.132	548	56	[1] ₱93.65 [2] $2,371.62			6,130

[1] Philippines currency. [2] Mexican currency.

Report of the Veterinary Division for the Board of Health for the Philippine Islands for the Month of December, 1903.

[DAVID G. MOBERLY, *Veterinary Surgeon;* MURRAY J. MYERS, *Assistant Veterinary Surgeon.*]

On arrival in city:	
Number of cattle inspected	3,567
Number of carabaos inspected	322
Number of horses inspected	366
Number of hogs inspected	3,462
Number of sheep inspected	168
Number of goats inspected	57
Number of other animals inspected	10
Total	7,952
In Government abattoir:	
Number of cattle slaughtered	2,511
Number of hogs slaughtered	5,363
Number of sheep slaughtered	123
Total	7,997
Number of cattle condemned and cremated	13
Number of hogs condemned and cremated	15
Number of horses condemned for glanders	26
Number of horses condemned for surra	20
Number of other animals condemned	95
Total	169

Report of Action on Licenses taken during the Month of December, 1903.

Business for the conduction of which license is desired.	License applications approved.	License applications disapproved.	Total applications acted on.	Applications awaiting action.	Business for the conduct of which license is desired.	License applications approved.	License applications disapproved.	Total applications acted on.	Applications awaiting action.
Bakery	5		5		Paint, make and sell	1		1	
Cloth, to dye	1		1		Powder, face	1		1	
Circus	1		1		Restaurant	9		9	
Cinematograph	2		2		Sauce, make and sell	1		1	
Distillery	4		4		Store, sell native wine	2	4	6	
Factory, soap	14	2	16		Store, grocery	3	5	8	
Fish, dry and sell	1		1		Store, Chinese drug	3		3	
Food, native, make and sell	1		1		Store, drug	2		2	
Hall, public dance	1	1	2		Sweetmeats, make and sell	4		4	
Hotel	1		1		Theater	1		1	
Hotel and restaurant	5		5		Vermicelli, make and sell	1		1	
Laundry	5		5						
Liquor, first-class	3	1	4		Total	74	14	88	
Liquor, second-class	2	1	3						

Office of the Sanitary Engineer for the City of Manila. List of Houses on which Plumbing Work has been Completed in Accordance with Orders issued from this Office during December, 1903.

Number of house and street.	District.	Date completed.	Number of house and street.	District.	Date completed.
27-29 Plaza de Santa Ana	Quiapo	Dec. 1, 1903	151 Malacañan	San Miguel	Dec. 18, 1903
29 Asuncion	San Nicolas	Dec. 3, 1903	219 Colon	Binondo	Dec. 19, 1903
76 San Juan de Letran	Intramuros	Do.	889 Santa Mesa	Sampaloc	Dec. 21, 1903
242 Dias	Binondo	Do.	521 Real	Malate	Do.
583 Bilibid	Santa Cruz	Do.	Interior Arranque	Santa Cruz	Dec. 22, 1903
Government Printing Plant	Ermita	Do.	23 San José	Ermita	Dec. 23, 1903
242 Nueva	Malate	Do.	86 Mendoza	Quiapo	Do.
19 Nueva	Ermita	Do.	6 Soliman	Tondo	Dec. 24, 1903
249 Solano	Intramuros	Dec. 7, 1903	2-10 Alejandro Farnecio	Quiapo	Do.
168 Nueva	Ermita	Dec. 8, 1903	199 Leon XIII	Tondo	Do.
Corner Azcarraga and Ilaya	Tondo	Dec. 9, 1903	61 San Pedro	Quiapo	Do.
239 Palacio	Intramuros	Do.	58 Gastambide	Sampaloc	Dec. 28, 1903
San Anton	Sampaloc	Dec. 10, 1903	121 Real	Intramuros	Do.
Cinematograph Rizal	Tondo	Do.	15-17 Plaza Goiti	Santa Cruz	Do.
93-95 Concepcion	Paco	Do.	2-6 San Roque	do	Dec. 31, 1903
138 Real	Intramuros	Dec. 15, 1903	256 Alix	Sampaloc	Do.
323 San Miguel	San Miguel	Do.	187 Real	Ermita	Do.
91 Arranque	Santa Cruz	Dec. 18, 1903	46 Estero Cegado	Santa Cruz	Do.
88 Santo Tomas	Intramuros	Do.			

Total, 37 houses. Seventy-six letters sent through stations, accompanying orders, issued to owners, to remedy defective work.

Reports Received of Lepers Living in the Various Provinces of the Philippine Islands to December 31, 1903.

Province.	Race.	Number of men.	Number of women.	Children.		Single.		Married.		Widower.	Widow.	Total.
				M.	F.	M.	F.	M.	F.			
Antique	Filipino	92	37	2	2	38	28	42	4	12	5	133
Batangas	do	19	5			12	3	3	3	3		24
Bataan	do	10	4	1	1	5		3	2	2	2	16
Benguet	Igorrote	31	10	1	1	1		21	10	9		43
Ambos Camarines	Filipino	33	17	1	1	24	12	8	5	1		52
Bulacan	do	17	9	2	1	12	6	5	3			29
Ilocos Norte	do	45	28	5	2	9	10	31	8	5	10	80
Ilocos Sur	do	176	84	4	2	101	50	66	17	14	12	266
Leyte	do	49	38	1	3	26	27	20	7	3	4	91
Masbate	do	51	35	25	10	22	15	23	19	2	5	121
Cagayan	do	46	30		3	20	10	20	19	6	1	79
Lepanto	do	14	4	1		5	1	8		1	3	19
Cavite	do	17	5		3	16	3	1			2	25
Nueva Ecija	do	44	24			19	12	22	8	2	5	68
Negros Occidental	do	26	11	5	1	17	10	8	1	1		43
Pampanga	do	8	5	2		3	1	5	3	1		15
Pangasinan	do	120	80	2	3	36	28	65	38	19	14	205
Rizal	do	41	24	2		19	12	21	7	3	3	67
Marinduque	do	1	1	1			1	1				3
Laguna	do	2	1					2	1			3
San Lazaro	do	102	75	21	9	68	40	26	19	8	16	207
Tarlac	do	27	24	11	4	7	9	17	11	2	5	66

Reports Received of Lepers Living in the Various Provinces of the Philippine Islands to December 31, 1903—Continued.

Province.	Race.	Number of men.	Number of women.	Children.		Single.		Married.		Widower.	Widow.	Total.
				M.	F.	M.	F.	M.	F.			
Sorsogon	Filipino	75	33	1	1	33	17	40	10	3	5	110
Romblon	do	13	14			5	9	8	4	1		27
Samar	do	39	32	13	8	17	9	21	18	3	3	92
Union	do	43	28	3		15	14	24	12	4	2	74
Zambales	do	58	35	2		30	15	26	13	4	5	95
Mindanao	Moro	140	74	3	3	84	46	45	18	9	12	220
Cebu	Filipino	171	89	5	4	136	64	33	21	3	3	269
Iloilo	do	231	66	11	2	113	37	94	9	24	20	310
Negros Oriental	do	66	42	6	2	27	23	32	14	7	5	116
Isabela de Luzon	do	18	4	1		3	1	10	3	5		23
Tayabas	do	1								1		1
Albay	do	68	33	1	1	30	18	27	10	11	5	103
Nueva Vizcaya	do	13	12	2		7	3	4	6	2	3	27
Abra	do	11	6			5	4	5	2	1		17
Bohol	do	46	46	5	1	20	19	27	17	3	6	98
Capiz	do	44	33	19	9	26	24	13	12	1	1	105
Surigao	do		1								1	1
Total		2,008	1,099	159	77	1,011	581	827	354	176	158	3,343

Tabulated statement of the amount of vaccine virus distributed by the Board of Health during the month of December, 1903:

	Units.
United States Army	3,180
United States Public Health and Marine-Hospital Service	5,100
Inhabitants of the Philippine Islands (Manila not included)	73,500
Sold to the public	95
Used by public vaccinator and other institutions of the city of Manila	13,300
Total	95,175

Report of Vaccination, City of Manila, During the Month of December, 1903.

Chief of Vaccinators, SATURNINO ESPEJO.

Districts.	Children.			Adults.			Totals.			Grand total.
	Filipinos.	Chinese.	Americans and foreigners.	Filipinos.	Chinese.	Americans and foreigners.	Filipinos.	Chinese.	Americans and foreigners.	
Walled City	205			413	88	6	618	88	6	712
Binondo	51	15		178	501	4	229	516	4	749
San Nicolas	260	7	2	676	117	4	936	124	6	1,066
Tondo	278			367		8	645		8	653
Santa Cruz	310			370	33	3	680	33	3	716
Quiapo	282		3	419		45	701		48	749
San Miguel	254			414		1	668		1	669
Sampaloc	202	3	2	376	60	67	578	63	69	710
Paco	345			354	1		699	1		700
Ermita	146			293			439			439
Malate	77			165		1	242		1	243
Total	2,410	25	7	4,025	800	139	6,435	825	146	7,406

Monthly Report of Smallpox for Manila from December 1 to December 31, 1903.

	Cases.		Deaths.	
	M.	F.	M.	F.
Filipinos	2	0	0	0
Chinese	0	0	0	0
Americans	2	0	3	0
Europeans	0	0	0	0
Total	4	0	3	0

	Cases.	Deaths.
San Nicolas	2	1
Quiapo	1	2
Santa Cruz	1	0
Total	4	3

	Cases.	Deaths.
From 1 year to 10 years	0	0
From 10 years to 20 years	1	0
From 20 years to 30 years	3	3
Total	4	3

Number of cases found "alive"	3
Number of cases found "dead"	1
Total	4

Report of Chinese Receiving Primary and Secondary Inoculations Against Plague, from Board of Health Physicians, December 1 to December 31, 1903.

District.	Primary inoculations.	Secondary inoculations.	District.	Primary inoculations.	Secondary inoculations.
San Nicolas	296	292	Sampaloc	22	50
Tondo	216	170	Intramuros	32	32
Quiapo	121	74	Ermita, Malate, Paco, etc	305	348
Santa Cruz	547	442	Total per city	1,539	1,408

Report of Chinese Receiving Primary and Secondary Inoculations Against Plague, from Board of Health Physicians, from May 11 to December 31, 1903.

Period.	San Nicolas.		Tondo.		Quiapo.		Santa Cruz.		Sampaloc.		Intramuros.		Ermita, Malate, Paco, etc.		Total for city.	
	Primary inoculations.	Secondary inoculations.	Primary inoculations.	Secondary inoculations.	Primary inoculations.	Secondary inoculations.	Primary inoculations.	Secondary inoculations.	Primary inoculations.	Secondary inoculations.	Primary inoculations.	Secondary inoculations.	Primary inoculations.	Secondary inoculations.	Primary inoculations.	Secondary inoculations.
May 11-31	891	6	944		859		1,655		868		600		105		5,922	6
June 1-30	575	587	229	808	138	304	303	241	358	457		600	100		1,703	2,997
July 1-31	223	87	287	211			5	2							515	300
Aug. 1, to Sept. 30									23	37					23	37
Nov. 1-30	346	288	391	346	159	98	971	655	34				256	128	2,157	1,515
Dec. 1-31	296	292	216	170	121	74	547	442	22	50	32	32	305	348	1,539	1,408
Total	2,331	1,260	2,067	1,535	1,277	476	3,481	1,340	1,305	544	632	632	766	476	11,859	6,263

Bubonic Plague Report for Manila from December 1 to December 31, 1903.

	Cases.		Deaths.	
	M.	F.	M.	F.
Filipinos	1	1	1	1
Total	1	1	1	1

	Cases.	Deaths.
Santa Cruz	2	2
Total	2	2

	Cases.	Deaths.
From 1 year to 10 years	1	1
From 10 years to 20 years	1	1
Total	2	2

Number of cases found "alive"	0
Number of cases found "dead"	2
Total	2

Cholera Report for Manila from December 1 to December 31, 1903.

	Males.		Females.	
	C.	D.	C.	D.
Filipinos	5	4	6	6
Chinese	3	3		
Americans				
Europeans				
Total	8	7	6	6

	C.	D.
San Nicolas	1	1
Tondo	4	4
Quiapo		
Santa Cruz	6	6
Sampaloc		
Intramuros	1	
Ermita	1	1
Santa Ana	1	1
Total	14	13

	C.	D.
From 1 to 10 years		
From 11 to 15 years	1	1
From 16 to 20 years	4	3
From 21 to 25 years	1	1
From 26 to 30 years	2	2
From 31 to 35 years	3	3
From 36 to 40 years	1	1
From 41 to 50 years	1	1
51 years and above	1	1
Total	14	13

Number of cases found "alive"	7
Number of cases found "dead"	7
Total	14

Epidemic of Cholera in the City of Manila and Provinces from March 20, 1902, to December 1, 1903.

Months.	Manila.		Provinces.		Months.	Manila.		Provinces.	
	Cases.	Deaths.	Cases.	Deaths.		Cases.	Deaths.	Cases.	Deaths.
1902.					1903.				
March	108	90			January	7	4	4,921	2,757
April	586	406	1,927	1,417	February	2	1	2,997	2,009
May	550	442	2,407	1,631	March	6	6	1,903	1,124
June	601	492	5,204	4,097	April	33	27	1,772	1,147
July	1,368	1,053	7,757	5,807	May	230	212	1,402	885
August	720	581	11,247	7,874	June	39	38	3,554	2,945
September	273	179	43,346	27,410	July	42	38	4,167	2,806
October	87	57	30,837	18,572	August	89	72	10,212	7,406
November	336	236	12,353	6,681	September	290	263	4,610	3,669
December	35	24	5,918	3,583	October	127	118	2,497	1,935
					November	31	26	1,068	898
					Total	5,560	4,365	160,099	104,653

Report of Cholera Occurring in Provinces in the Philippine Islands during the Month of December, 1903.

Provinces and places.	Cases.	Deaths.	Total.			Provinces and places.	Cases.	Deaths.	Total.		
			Cases.	Deaths.	Per cent.				Cases.	Deaths.	Per cent.
Antique, Pandan	4	3	4	3	75	Negros Occidental—Continued.					
Bataan, Limay (Orion)	2	1	2	1	50	Manapla	55	46	70	50	71
Bohol, Tagbilaran	8	8	8	8	100	Pulupandan	6	0			
Bulacan:						Saravia	3	3			
Polo	1	1	2	2	100	Nueva Ecija:					
Bulacan	1	1				Aliaga	1	1			
Capiz, Dumarao	0	2	0	2		Carangalan	1	1	13	9	69
Cavite, Dasmariñas	2	3	2	3		Zaragoza	11	7			
Iloilo, Iloilo	15	14	15	14	93	Rizal, San Mateo	1	1	1	1	100
Ilocos Sur, Vigan	1	1	1	1	100	Tarlac, Tarlac	8	6	8	6	75
Negros Occidental:											
Bacolod	1	0				Total			126	100	
Ginigaran	5	1									

Average, 79.3.

Report of Clinical work of Biological Laboratory, December, 1903.

[RICHARD P. STRONG, *Director Biological Laboratory.*]

	Positive.	Negative.	Total.
Blood examinations			39
Leucocytes count			18
Relation of leucocytes to erythrocytes			1
Malarial parasites		16	
Tertian	1		
Estivo-autumnal	1		
Serum reaction typhoid		5	
Sputum for tubercle bacilli	17	27	44
Feces		68	95
Amœbæ	18		
Monads	12		
Ova trichocephalus dispar	2		
Ova uncinaria	2		
Ova ascaris lumbricoidis	2		
Taenia	1		
Amœbæ—Continued.			
Blood cells	36		
Gonococci	94	1,064	1,158
Miscellaneous:			
Vaginal discharge			2
Carabaos for surra		344	344
Horse for surra		1	1
Horses for glanders	3		3
Cow, Texas fever	1		1
Hen, necropsy			1
Discharge from hip		1	1
Abscess, amœbæ		1	1
Tumor			1
Water, for cholera		1	1
Manila, city water			2
Necropsies			17

There were received during the month 17,415 rats for examination for plague, but of this number only 282 were in a condition to be examined. None of these was found positive for plague bacilli.

Meteorological Data Deduced from Hourly Observations.

Date.	Barometer,[1] mean.		Temperature. Mean.		Temperature. Maximum.		Temperature. Minimum.		Relative humidity, mean.	Wind. Prevailing direction.	Wind. Total daily motion.		Wind. Maximum. Force.		Wind. Maximum. Direction.	Sunshine.	Rainfall.	
	Inches.	*mm.*	°*C.*	°*F.*	°*C.*	°*F.*	°*C.*	°*F.*	*Per ct.*		*Km.*	*Miles.*	*Km.*	*Miles.*		*h. m.*	*Inch.*	*mm.*
1	29.895	759.33	25.7	78.3	29.9	85.9	20.1	68.1	81.8	N.	134	83	16	10	N. by E.	6-30		
2	29.882	58.99	26.2	79.2	31.2	88.2	21.7	71.0	86.4	NNE.	114	71	10	6	NNE.	4-10	0.268	6.8
3	29.895	59.32	25.2	77.4	27.8	82.0	21.8	71.3	92.2	NNE.	212	132	21	13	N. by W.	1-20	0.437	11.1
4	29.862	58.47	25.2	77.4	28.7	83.6	21.6	70.8	77.1	N.	449	279	24	15	NNE.	5-25		
5	29.856	58.33	24.5	76.1	26.3	79.4	21.1	70.0	79.9	N.	196	122	16	10	N.	0-00	0.035	0.9
6	29.841	57.96	25.3	77.5	28.5	83.3	21.0	69.8	78.2	N.	311	193	32	20	N.	1-50		
7	29.831	57.70	25.5	77.9	29.8	85.6	20.8	69.4	85.8	NNE.	214	133	20	12	WNW.	4-45	0.146	3.7
8	29.810	57.16	25.7	78.3	28.5	83.3	21.9	71.5	91.5	NE.	46	29	5	3	W.	0-20	0.039	1.0
9	29.817	57.35	25.7	78.3	29.1	84.3	22.2	72.0	89.8	NNW.	166	103	21	13	NW.	3-25	0.335	8.5
10	29.794	56.76	24.3	75.7	25.3	77.6	22.1	71.7	95.2	Variable.	307	191	34	21	WSW.	0-00	2.965	75.3
11	29.821	57.44	25.8	78.4	28.8	83.9	20.2	68.3	87.8	W.	77	48	10	6	WNW.	7-00		
12	29.830	57.69	26.3	79.3	30.1	86.1	20.9	69.6	84.7	S.	115	71	15	9	W. by N.	9-05	0.039	1.0
13	29.856	58.33	25.7	78.3	29.8	85.7	20.0	68.0	83.9	N., NNE.	80	50	10	6	N.	3-35	0.118	3.0
14	29.857	58.34	25.2	77.4	28.9	84.0	21.7	71.0	92.1	Variable.	72	45	9	6	NNE.	0-25	0.339	8.6
15	29.857	58.35	25.5	77.9	28.0	82.4	21.7	71.0	89.1	N.	94	58	13	8	N.	0-50	0.189	4.8
16	29.871	58.71	25.5	77.9	28.6	83.4	21.0	69.8	80.1	NNE.	124	77	14	9	NE.	0-05	0.004	0.1
17	29.869	58.65	25.3	77.5	28.6	83.4	21.7	71.0	83.7	NNE.	125	78	17	11	NNE.	1-00	0.063	1.6
18	29.881	58.97	25.6	78.1	28.7	83.6	20.4	68.8	87.2	NNE.	85	53	12	7	NW. by N.	1-20	0.079	2.0
19	29.902	59.51	25.0	77.0	27.9	82.3	21.4	70.5	89.7	N.	254	158	23	14	N.	2-00	0.260	6.6
20	29.913	59.77	23.6	74.5	25.6	78.0	20.5	68.9	87.9	NNE.	276	172	18	11	N. by E.	0-00	0.331	8.4
21	29.920	59.94	22.5	72.5	24.0	75.2	19.4	67.0	86.3	N.	338	210	32	20	N.	0-05	0.201	5.1
22	29.907	59.62	24.2	75.6	27.7	81.9	19.8	67.6	74.8	N.	208	129	19	12	N.	2-00		
23	29.884	59.06	25.2	77.4	29.2	84.6	20.9	69.7	72.1	N.	153	95	15	9	NW.	6-55		
24	29.885	59.07	25.8	78.4	30.4	86.7	20.9	69.7	75.5	N.	125	78	12	7	NNW.	4-45		
25	29.868	58.63	26.2	79.2	29.7	85.5	22.2	72.0	76.1	N.	132	82	12	7	NNE.	2-25		
26	29.896	59.36	26.1	79.0	31.3	88.3	20.9	69.7	69.5	N.-NE.	112	70	13	8	N.	9-00		
27	29.860	58.43	25.1	77.2	28.7	83.7	20.8	69.5	71.5	N.	330	205	28	18	NE.	3-00		
28	29.854	58.29	26.0	78.8	29.0	84.2	21.7	71.0	71.2	N. by E.	254	158	22	14	N. by E.	2-05		
29	29.876	58.83	25.3	77.5	27.7	81.8	20.4	68.7	84.5	W.-SSW.	82	51	12	7	WNW.	0-00		
30	29.880	58.94	26.2	79.2	29.9	85.8	21.1	69.9	79.5	WSW.	82	51	10	6	W.	4-05		
31	29.915	59.83	25.5	77.9	29.1	84.3	21.1	70.0	80.8	Variable.	118	73	10	6	WSW.	1-25		
Mean	29.867	758.62	25.3	77.6	28.6	83.4	21.1	69.9	82.8		173.7	108.0	16.9	10.5		2-52		
Total											5385	3348				88-50	5.848	148.5

[1] Corrected for instrumental error and for temperature and reduced to sea level. Correction to standard gravity, —1.72 mm. (—0.068 inch).

GENERAL LIBRARY,
UNIV. OF MICH.
MAY 28 1904

MONTHLY REPORT

OF THE

Board of Health for the Philippine Islands

AND

CITY OF MANILA,

JANUARY, 1904.

TO THE HON. DEAN C. WORCESTER, SECRETARY OF THE INTERIOR.

Maj. E. C. CARTER, M. D., U. S. Army,
Commissioner of Public Health.

Capt. E. L. MUNSON, A. M., M. D., U. S. Army,
Assistant to Commissioner of Public Health.

H. D. OSGOOD, B. S.,
Sanitary Engineer.

T. R. MARSHALL, M. D.,
Chief Health Inspector.

P. C. FREER, M. D., Ph. D.,
Superintendent of Government Laboratories.

MANUEL GOMEZ MARTINEZ, M. D.,
Secretary Board of Health.

MANILA:
BUREAU OF PUBLIC PRINTING.
1904.

14837

LETTER OF TRANSMITTAL.

DEPARTMENT OF THE INTERIOR,
BOARD OF HEALTH FOR THE PHILIPPINE ISLANDS,
OFFICE OF THE COMMISSIONER,
Manila, February 24, 1904.

SIR: I have the honor to make the following report of the operations of the Bureau of Health for the month of January, 1904:

The more important causes of deaths occurring in the population of the city of Manila, with the number of deaths, were as follows:

Convulsions of children, 272; pulmonary tuberculosis, 78; eclampsia, nonpuerperal, 47; chronic bronchitis, 46; congenital debility, 40; acute bronchitis, 34; diarrhea and enteritis, 31; meningitis, 25; beri-beri, 25; dysentery, 18; malarial fevers, 13; endocarditis, acute, 12; pneumonia, 11; Bright's disease, 8; bubonic plague, 7; cerebral hemorrhage, 6; puerperal septicæmia, 5; typhoid fever, 5; Asiatic cholera, 3; tetanus, 4; leprosy, 3.

Of the above-mentioned causes and deaths the following occurred in infants prior to the completion of the first year of life:

Convulsions of children, 272; eclampsia, nonpuerperal, 47; chronic bronchitis, 32; congenital debility, 40; acute bronchitis, 32; diarrhea and enteritis, 24; meningitis, 15; dysentery, 1; pneumonia, 1; tetanus, 4.

Of the 796 deaths occurring among inhabitants of the city 475, or 59.6 per cent, occurred in children less than 12 months of age.

Asiatic cholera showed a gratifying decrease in the city for the month, there being but 3 cases among residents and 1 among transients. There were 3 cases prior to January 8, with a sporadic case in a transient on January 28. Outside of Manila a total of 339 cases with 253 deaths was reported from eleven towns of three provinces, but of these 324 cases with 240 deaths were not previously reported. The total of 15 cases and 13 deaths reported as occurring during the month occurred in four towns of the Provinces of Nueva Ecija and Occidental Negros.

The cholera situation throughout the Islands is very encouraging, and it is thought that this disease will play little part in the mortality returns in the future.

There were 2 cases of smallpox during the month, of which 1 recovered and the other remains under treatment.

A total of 10 cases of plague with 7 deaths occurred during the month. Of these 6 occurred in Filipinos, of whom 5 died, and 4 among Chinese, of whom 2 died. Of the Filipino cases all occurred among residents in one house, and the single recovery occurred in a girl, who, as a contact, received an injection of antiplague curative serum about thirty-six hours before developing symptoms of the disease. During the month 2 cases of plague occurred in the city of Cebu, which is the only other point in the Archipelago in which this disease has been able to secure a foothold.

There were 20 deaths among prisoners in Bilibid Prison, of which 7 occurred from tuberculosis and 7 from lobar pneumonia. As mentioned in the annual report of this office for 1903, the death rate among inmates of Bilibid Prison is high.

The annual birthrate for the month for the city of Manila was 25.01 per thousand, but birth returns are as yet incompletely reported.

In the work of sanitary inspection there were 45,039 inspections and reinspections of houses made during the month, 5,981 houses were cleaned as result of sanitary orders, 61 whitewashed or painted, and 76 disinfected. A total of 1,968 yards were cleaned and placed in good sanitary condition. A total of 31,065 rats was destroyed in the prevention of plague. A total of 1,274 inspections of water craft was made; 160,515 units of vaccine virus were issued for use in the Islands, and 6,450 vaccinations performed in the city of Manila.

Very respectfully,

E. C. CARTER,
Major and Surgeon, United States Army,
Commissioner of Public Health.

The SECRETARY OF THE INTERIOR,
Manila, P. I.

Population of Manila.

[Preliminary rough count of census of 1903.]

Americans	4,389	Chinese	21,230
Filipinos	189,782	All others	895
Spaniards	2,528		
Other Europeans	1,117	Total	219,941

Deaths Occurring During the Month of January.

Americans	1
Filipinos	742
Spaniards	2
Other Europeans	2
Chinese	45
All others	3
Race unknown	1
Total	796

Annual Death Rate per Thousand for the Month.

Americans	2.68
Filipinos	46.06
Spaniards	9.33
Other Europeans	21.09
Chinese	24.97
All others	39.49
Average	42.64

A Classified Report of all Deaths Occurring in Manila During the Month of January, 1904.

Males.		Females.	
Married	75	Married	61
Widowers	29	Widows	28
Single	82	Single	13
Boys	271	Girls	255
Condition not stated in certificate	9	Condition not stated in certificate	3
Total	466	Total	360
Stillbirths	28	Grand total	826

Number of deaths with medical attendance	383
Number of deaths without medical attendance	443
Total	826

Deaths by Age, Including Transients.

Under 30 days	108
30 days to 1 year	374
1 year to 2 years	28
2 years to 5 years	12
5 years to 10 years	6
11 years to 15 years	8
16 years to 20 years	29
21 years to 25 years	24
26 years to 30 years	43
31 years to 40 years	59
41 years to 50 years	46
51 years to 60 years	40
61 years to 70 years	19
71 years to 80 years	19
81 years to 90 years	8
91 years to 100 years	1
101 years and above	0
Unknown	2
Total	826
Stillbirths	28

Deaths by Districts, Including Transients.

Districts.	Population.	Deaths.
Walled City	11,463	45
Binondo	16,613	56
San Nicolas	29,059	61
Tondo	39,045	222
Santa Cruz	35,040	115
Quiapo	11,149	33
Sampaloc	18,779	102
San Miguel	8,838	33
Paco	6,725	28
Ermita	12,226	29
Malate	8,858	45
Pandacan	2,990	11
Santa Ana	3,255	13
Transient residents	15,901	30
Unknown		3
Total	219,941	826

Comparative Mortality from January 1, 1900, to January 31, 1904.

Month.	1900.		1901.		1902.		1903.		1904.	
	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.
January	[1]1,055	50.79	[1]753	36.25	[1]760	36.58	[1]602	28.89	[2]796	42.64
February	[1]884	47.11	[1]689	36.72	[1]706	37.63	[1]511	27.28		
March	[1]887	42.70	[1]885	42.66	[1]770	37.06	[1]539	25.94		
April	[1]805	40.04	[1]886	44.07	[1]1,327	66.01	[1]549	27.31		
May	[1]732	35.24	[1]903	43.47	[1]1,688	81.26	[1]770	37.06		
June	[1]599	29.79	[1]621	30.89	[1]1,418	70.54	[1]592	29.45		
July	[1]787	37.88	[1]608	29.27	[1]2,223	107.02	[2]620	33.21		
August	[1]825	39.71	[1]702	33.79	[1]1,712	82.42	[2]862	46.17		
September	[1]1,027	50.01	[1]767	38.15	[1]1,132	56.31	[2]1,228	67.97		
October	[1]961	46.23	[1]855	41.16	[1]927	44.62	[2]1,217	65.19		
November	[1]976	48.48	[1]848	42.18	[1]1,035	51.48	[2]974	53.91		
December	[1]905	43.54	[1]858	41.30	[1]753	36.25	[2]894	47.89		

[1] Death rate computed on population of 244,732 (Health Department's census).
[2] Death rate computed on population of 219,941 (census 1903).

CAUSES OF DEATHS FOR THE MONTH OF JANUARY, 1904.

(STILLBIRTHS NOT INCLUDED.)

	NOMENCLATURE DESIGNED FOR THE STATISTICS OF DEATH.	NOMENCLATURA PARA LAS ESTADÍSTICAS DE DEFUNCIONES.	Americans.		Europeans.		Filipinos.		Chinese.		Total.
			M.	F.	M.	F.	M.	F.	M.	F.	
	I.	**I.**									
	General Diseases.	**Enfermedades Generales.**									
1	Typhoid fever (abdominal typhus)	Fiebre tifoidea					2	2	1		5
2	Exanthematic typhus	Tifus exantemático									
3	Recurrent fever	Fiebre recurrente									
4	Intermittent fever, and malarial cachexia	Fiebre intermitente					3	2	1		6
4a	Malarial cachexia	Caquexia palúdica					2	2	3		7
5	Variola	Viruelas									
6	Measles	Sarampión									
7	Scarlatina	Escarlatina									
8	Whooping cough	Tos ferina									
9	Diphtheria and croup	Difteria y crup									
9a	Diphtheria	Difteria									
10	Grippe	Gripe					1				1
11	Miliary fever	Fiebre miliar									
12	Asiatic cholera	Cólera asiático					1	1	1		3
13	Cholera, nostras	Cólera nostras									
14	Dysentery	Disentería					9	5	4		18
14a	Epidemic dysentery	Disentería epidémica									
15	Plague	Peste					4	1	2		7
16	Yellow fever	Fiebre amarilla									
17	Leprosy	Lepra					2	1			3
18	Erysipelas	Erisipelas					1				1
19	Other epidemic affections (beri-beri)	Otras afecciones epidémicas (beri-beri)					9	11	5		25
20	Purulent infection and septicæmia	Infección purulenta y septicemia					1				1
21	Glanders and farcy	Muermo y lamparones									
22	Malignant pustule and anthrax	Pústula maligna y antrax					1				1
23	Rabies	Rabia									
24	Actinomycosis, trichinosis, etc	Actinomicosis, trichinosis, etc									
25	Pellagra	Pelagra									
26	Tuberculosis of larynx	Tuberculosis de la laringe					3				3
27	Tuberculosis of lungs	Tuberculosis del pulmón			1		40	26	11		78
28	Tuberculosis of meninges	Tuberculosis de las meninges					1	1			2
29	Tuberculosis of abdomen	Tuberculosis abdominal				1	2	2			5
30	Pott's disease	Mal de Pott									
31	Cold abscess and abscess by congestion	Abscesos fríos y por congestión									
32	White swellings	Tumores blancos									
33	Tuberculosis of other organs	Tuberculosis de otros órganos									
34	Generalized tuberculosis	Tuberculosis generalizada					2	1			3
35	Scrofula	Escrófula					1				1
36	Syphilis	Sífilis					1		3		4
37	Gonorrhea of the adult	Blenorragia en los adultos									
38	Gonococcic infections of children	Afecciones gonocócicas en los niños									
39	Cancer and other malignant tumors of the buccal cavity.	Cáncer ú otros tumores malignos en la cavidad bucal					1				1
40	Cancer and other malignant tumors of the stomach and liver.	Cáncer ú otros tumores malignos del estómago ó hígado.						1			1
41	Cancer and other malignant tumors of peritoneum, intestines, and rectum.	Cáncer ú otros tumores malignos del peritoneo, intestinos y recto.									
42	Cancer and other malignant tumors of the female genitals.	Cáncer ú otros tumores malignos de los órganos genitales de la mujer.									
43	Cancer and other malignant tumors of the breast	Cáncer ú otros tumores malignos de la mama									
44	Cancer and other malignant tumors of the skin	Cáncer ú otros tumores malignos de la piel									
45	Cancer and other malignant tumors of other organs and organs not specified.	Cáncer ú otros tumores malignos en otros órganos					1		1		2
46	Other tumors (tumors of the female genitals excepted)	Otros tumores (exceptuándose los de los órganos genitales de la mujer).									
47	Acute articular rheumatism	Reumatismo articular agudo									
48	Chronic rheumatism, and gout	Reumatismo crónico y gota					3	1			4
49	Scurvy	Escorbuto									
50	Diabetes	Diabetes									
51	Exophthalmic goiter	Bocio exoftálmico									
52	Addisson's disease	Enfermedad bronceada de Addison									
53	Leukæmia	Leucemia									
54	Anæmia, chlorosis	Anemia, clorosis					1	2		1	4
55	Other general diseases	Otras enfermedades generales									
56	Acute alcoholism or chronic	Alcoholismo agudo ó crónico									
57	Lead poisoning	Saturnismo									
58	Other poisonings incident to occupations	Otras intoxicaciones profesionales crónicas									
59	Other chronic poisonings	Otros envenenamientos crónicos									
	II.	**II.**									
	Diseases of the Nervous System and the Organs of Special Sense.	**Enfermedades del Sistema Nervioso y de los Órganos de los Sentidos.**									
60	Encephalitis	Encefalitis									
61	Simple meningitis	Meningitis simple					13	12			25
61a	Epidemic cerebro-spinal meningitis	Meningitis cérebro-espinal epidémica									
62	Progressive locomotor ataxia	Ataxia locomotriz progresiva									
63	Other diseases of the spinal cord	Otras enfermedades de la médula espinal									
64	Cerebral congestion and hemorrhage	Congestión y hemorragia cerebrales					2	4			6
65	Cerebral softening	Reblandecimiento cerebral					1				1
66	Paralysis without apparent cause	Parálisis sin indicación de causa						1			1
67	General paralysis	Parálisis generales						2	1		3

	NOMENCLATURE DESIGNED FOR THE STATISTICS OF DEATH.	NOMENCLATURA PARA LAS ESTADÍSTICAS DE DEFUNCIONES.	Americans. M.	Americans. F.	Europeans. M.	Europeans. F.	Filipinos. M.	Filipinos. F.	Chinese. M.	Chinese. F.	Total.
	II.—Diseases of the Nervous System and the Organs of Special Sense—Continued.	**II.—Enfermedades del Sistema Nervioso y de los Órganos de los Sentidos—Continuación.**									
68	Other forms of insanity	Otras formas de alienación mental									
69	Epilepsy	Epilepsia									
70	Eclampsia (nonpuerperal)	Eclampsia (no puerperal)					24	23			47
71	Convulsions of children	Convulsiones en los niños					139	133			272
72	Tetanus	Tétano						4			4
73	Chorea	Corea						1			1
74	Other diseases of the nervous system	Otras enfermedades del sistema nervioso					1	1			2
75	Diseases of the eye and its adnexa	Enfermedades de ojos y sus anexos									
76	Diseases of the ear	Enfermedades de los oídos									
	III.	**III.**									
	Diseases of the Circulatory System.	**Enfermedades del Aparato Circulatorio.**									
77	Pericarditis	Pericarditis									
78	Acute endocarditis	Endocarditis aguda			1						1
79	Organic disease of the heart	Enfermedades orgánicas del corazón	1				5	2	3	1	12
80	Angina pectoris	Angina de pecho					3	4			7
81	Affections of the arteries (atheroma, aneurism, etc.)	Afecciones de las arterias, etc									
82	Embolus and thrombosis	Embolia y trombosis									
83	Affections of the veins (varices, hemorrhoides, phlebitis).	Afecciones de las venas									
84	Affections of the lymphatic system (lymphangitis, etc.).	Afecciones del sistema linfático									
85	Hemorrhages	Hemorragias									
86	Other affections of the circulatory system	Otras afecciones del aparato circulatorio									
	IV.	**IV.**									
	Diseases of the Respiratory System.	**Enfermedades del Aparato Respiratorio.**									
87	Diseases of the nasal fosse	Enfermedades de las fosas nasales									
88	Affections of the larynx	Afecciones de la laringe									
89	Affections of the thyroid body	Afecciones del cuerpo tiroideo									
90	Acute bronchitis	Bronquitis aguda					22	12			34
91	Chronic bronchitis	Bronquitis crónica					20	20	6		46
92	Broncho-pneumonia	Bronco-pneumonia						2			2
93	Pneumonia	Pneumonía					7	2	2		11
94	Pleurisy	Pleuresía									
95	Pulmonary congestion and apoplexy	Congestion y apoplegía pulmonares						3			3
96	Gangrene of the lungs	Gangrena del pulmón									
97	Asthma	Asma					1	3			4
98	Pulmonary emphysema	Enfisema pulmonar									
99	Other diseases of the respiratory system (phthisis excepted).	Otras enfermedades del aparato respiratorio (exceptuándose la tisis).									
	V.	**V.**									
	Diseases of Digestive System.	**Enfermedades del Aparato Digestivo.**									
100	Affections of the mouth and its adnexa	Afecciones de la boca y de sus anexos					1				1
101	Affections of the pharynx	Afecciones de la faringe									
102	Affections of the esophagus	Afecciones del esófago									
103	Ulcer of the stomach	Ulcera del estómago					1				1
104	Other affections of the stomach (cancer excepted)	Otras afecciones del estómago (exceptuándose el cáncer).						1			1
105	Diarrhea and enteritis (under two years)	Diarrea y enteritis (en niños menores de 2 años)					6	8			14
105a	Chronic diarrhea and enteritis	Diarrea y enteritis crónica					9	8			17
106	Diarrhea and enteritis (two years and over)	Diarrea y enteritis (en niños de 2 ó más años)									
107	Intestinal parasites	Parásitos intestinales									
108	Hernias; intestinal obstructions	Hernias; obstrucciones intestinales					1				1
109	Other affections of the intestines	Otras afecciones del intestino									
110	Acute yellow atrophy of the liver	Ictericia grave					1				1
111	Hydatid tumors of the liver	Tumores hidátidicos del hígado									
112	Cirrhosis of the liver	Cirrosis del hígado					1				1
113	Biliary calculi	Cálculos biliares						1			1
114	Other affections of the liver	Otras afecciones del hígado					1				1
115	Affections of the spleen	Afecciones del bazo									
116	Simple peritonitis (puerperal excepted)	Peritonitis simple (exceptuándose la puerperal)					1	1			2
117	Other affections of the digestive system (cancer and tuberculosis excepted).	Otras afecciones del aparato digestivo (exceptuándose el cáncer y tuberculosis).									
118	Appendicitis and abscess of the iliac fosse	Apendicitis y filemón de la fosa iliaca									
	VI.	**VI.**									
	Diseases of the Genito-Urinary System and its Adnexa.	**Enfermedades del Aparato Génito Urinario y de sus Anexos.**									
119	Acute nephritis	Nefritis aguda					3	1			4
120	Bright's disease	Mal de Bright					7	1			8
121	Other diseases of the kidneys and their adnexa	Otras enfermedades de los riñones y de sus anexos									
122	Calculi of the urinary tract	Cálculos de las vías urinarias					1				1
123	Diseases of the bladder	Enfermedades de la vegiga									
124	Diseases of the urethra, urinary abscess, etc	Enfermedades de la uretra									
125	Diseases of the prostate	Enfermedades de la próstata									
126	Nonvenereal diseases of the male genital organs	Enfermedades no venereas de los órganos genitales del hombre.									
127	Metritis	Metritis						1			1
128	Uterine hemorrhage (nonpuerperal)	Hemorragia uterina (no puerperal)									
129	Tumor, uterine (noncancerous)	Tumor uterino (no canceroso)									
130	Other diseases of the uterus	Otras enfermedades del útero									
131	Cysts and other tumors of the ovary	Quistes y otros tumores del ovario									
132	Other diseases of the female genital organs	Otras enfermedades de los órganos genitales de la mujer.									
133	Nonpuerperal diseases of the breast (cancer excepted).	Enfermedades no puerperales de la mama (exceptuándose el cáncer).									

	NOMENCLATURE DESIGNED FOR THE STATISTICS OF DEATH.	NOMENCLATURA PARA LAS ESTADÍSTICAS DE DEFUNCIONES.	Americans.		Europeans.		Filipinos.		Chinese.		Total.
			M.	F.	M.	F.	M.	F.	M.	F.	
	VII.	**VII.**									
	The Puerperal State.	**Estado Puerperal.**									
134	Accidents of pregnancy	Accidentes de la preñez									
135	Puerperal hemorrhage	Hemorragia puerperal						5			5
136	Other accidents of labor	Otros accidentes del parto									
137	Puerperal septicæmia	Septicemia puerperal						5			5
138	Albuminuria and puerperal eclampsia	Albuminuria y eclampsia puerperales									
139	Puerperal phlegmasia alba dolens	Flegmasia alba dolens puerperal									
140	Other puerperal accidents—sudden death	Otros accidentes puerperales—muerte repentina									
141	Puerperal diseases of the breast	Enfermedades puerperales de la mama									
	VIII.	**VIII.**									
	Diseases of the Skin and Cellular Tissue.	**Enfermedades de la Piel y del Tejido Celular.**									
142	Gangrene	Gangrena									
143	Furuncle	Forúnculo									
144	Warm-acute abscess	Abscesos calientes agudos									
145	Other diseases of the skin and its adnexa	Otras enfermedades de la piel									
	IX.	**IX.**									
	Diseases of the Organs of Locomotion.	**Enfermedades de los Órganos de la Locomoción.**									
146	Affections of the bones (nontuberculous)	Afecciones de los huesos (exceptuando la tuberculosis)							1		1
147	Diseases of the joints (tuberculosis and rheumatism excepted).	Afecciones de las articulaciones (exceptuando la tuberculosis y el reumatismo).									
148	Amputation	Amputación									
149	Other affections of the organs of locomotion	Otras afecciones de los órganos de la locomoción									
	X.	**X.**									
	Malformations.	**Vicios de Conformación.**									
150	Congenital malformations (stillbirths excepted)	Vicios de conformación congénitos (exceptuándose los de niños nacidos muertos).									
	XI.	**XI.**									
	Early Infancy.	**Primera Infancia.**									
151	Congenital debility, icterus and sclerema	Debilidad congénita, ictericia y esclerema				1	17	22			40
152	Other special diseases of early infancy	Otras enfermedades especiales de la primera edad					1	1			2
153	Lack of care	Falta de cuidados									
	XII.	**XII.**									
	Old Age.	**Vejez.**									
154	Senile debility	Debilidad senil					3	8			11
	XIII.	**XIII.**									
	Affections Produced by External Causes.	**Afecciones Producidas por Causas Exteriores.**									
155	Suicide by poison	Suicidio por envenenamiento									
156	Suicide by asphyxia	Suicidio por asfixia									
157	Suicide by hanging or strangulation	Suicidio por suspensión ó por estrangulación									
158	Suicide by submersion	Suicidio por submersión									
159	Suicide by firearms	Suicidio por armas de fuego									
160	Suicide by cutting instruments	Suicidio por instrumentos cortantes									
161	Suicide by jumping from high place	Suicidio por dejarse caer desde un punto elevado									
162	Suicide by crushing	Suicidio por aplastamiento									
163	Other suicides	Otros suicidios									
164	Fractures	Fracturas									
165	Dislocations	Luxaciones									
166	Other accidental traumatisms	Otros traumatismos accidentales									
167	Burns	Quemaduras por el fuego						2			2
168	Burning by corrosive substances	Quemaduras por substancias corrosivas									
169	Insolation	Insolación									
170	Freezing	Congelación									
171	Electrical shocks	Conmoción eléctrica									
172	Accidental submersion	Submersión accidental					1		1		2
173	Inanition	Inanición									
174	Inhalation of deleterious gases (suicide excepted)	Absorción de gases deletéreos					3				3
175	Other acute poisonings	Otros envenenamientos agudos									
176	Other external violence	Otras violencias exteriores									
	XIV.	**XIV.**									
	Ill-Defined Diseases.	**Enfermedades mal Definidas.**									
177	Dropsy	Hidropesía									
178	Sudden death	Muerte repentina									
179	Unspecified or ill-defined causes of death	Causas de muerte no especificadas ó mal definidas						1			1
172	Accidental submersion (race unkown)	Submersion accidental (raza desconocida)									1
	Total		1	0	2	2	388	354	46	2	[1]796
	Grand total		1		4		742		48		796

[1] Including 1 males, nationality unknown.

NUMBER OF DEATHS BY RACE, SEX, AND AGE.

CAUSE OF DEATH.	Less than one day to thirty days.				From thirty days to one year.				From one to five years.				From five to ten years.			
	A.	E.	F.	C.	A.	E.	F.	C.	A.	E.	F.	C.	A.	E.	F.	C.
	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.
I.																
General Diseases.																
1. Typhoid fever (abdominal typhus)											1					
4. Intermittent fever and malarial cachexia																
4a. Malarial cachexia											1					
5. Variola																
6. Measles																
8. Whooping cough																
9. Diphtheria and croup																
9a. Diphtheria																
10. Grippe															1	
12. Cholera, Asiatic															1	
14. Dysentery							1				2 1					
15. Plague																
17. Leprosy																
18. Erysipelas																
19. Other epidemic affections (beri-beri)											1					
20. Purulent infection and septicæmia																
22. Malignant pustule and charbon (anthrax)																
26. Tuberculosis of larynx																
27. Tuberculosis of lungs											1					1
28. Tuberculosis of meninges							1	1								
29. Tuberculosis, abdominal											1					
33. Tuberculosis of other organs																
34. Generalized tuberculosis																
35. Scrofula																
36. Syphilis																
40. Cancer and other malignant tumors of the stomach and liver																
42. Cancer and other malignant tumors of the female genitals																
44. Cancer and other malignant tumors of the skin																
45. Cancer and other malignant tumors of other organs and organs not specified																
47. Acute articular rheumatism																
48. Chronic rheumatism and gout																
49. Scurvy																
50. Diabetes																
54. Anæmia chlorosis																
55. Other general diseases																
56. Acute alcoholism, or chronic																
II.																
Diseases of the Nervous System and the Organs of Special Sense.																
60. Encephalitis																
61. Meningitis, simple							9	6			4 6					
62. Progressive locomotor ataxia																
63. Other diseases of the spinal cord																
64. Cerebral congestion and hemorrhage																
65. Cerebral softening																
67. General paralysis																
68. Other forms of insanity																
69. Epilepsy																
70. Eclampsia (nonpuerperal)			11 9				13 14									
71. Convulsions of children			26 22				116 110				2 1					
72. Tetanus			4													
74. Other diseases of the nervous system							1 1									
III.																
Diseases of the Circulatory System.																
77. Pericarditis																
78. Acute endocarditis																
79. Organic disease of the heart																
80. Angina pectoris																
81. Affections of the arteries (atheroma, aneurism, etc.)																
82. Embolus and thrombosis																
85. Hemorrhages																
86. Other affections of the circulatory system																
IV.																
Diseases of the Respiratory System.																
88. Affections of the larynx																
90. Acute bronchitis			1				19 12				3					
91. Chronic bronchitis							15 17				4 1					
92. Broncho-pneumonia							1				1					
93. Pneumonia							1									
95. Pulmonary congestion and apoplexy			1													
97. Asthma																
98. Pulmonary emphysema																
V.																
Diseases of the Digestive System.																
100. Affections of the mouth and its adnexa																
101. Affections of the pharynx																

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	Less than one day to thirty days.								From thirty days to one year.								From one to five years.								From five to ten years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
V. Diseases of the Digestive System—Cont.																																
103. Ulcer of the stomach																																
104. Other affections of the stomach (cancer excepted)														1																		
105. Diarrhea and enteritis (under 2 years)													7	8							3	4										
105a. Diarrhea and enteritis, chronic													6	3																		
106. Diarrhea and enteritis (2 years and over)																																
107. Intestinal parasites																																
108. Hernias: Intestinal obstructions																																
110. Acute yellow atrophy of the liver																					1											
112. Cirrhosis of the liver																																
113. Biliary calculi														1																		
114. Other affections of the liver																																
116. Simple peritonitis (puerperal excepted)					1	1																										
118. Appendicitis and abscess of the iliac fossa																																
VI. Diseases of the Genito-Urinary System and its Adnexa.																																
119. Acute nephritis														1							1								1			
120. Bright's disease																																
121. Other diseases of the kidneys and their adnexa																																
123. Diseases of the bladder																																
127. Metritis																																
128. Uterine hemorrhage (nonpuerperal)																																
133. Nonpuerperal diseases of the breast (cancer excepted)																																
VII. The Puerperal State.																																
135. Puerperal hemorrhage																																
136. Other accidents of labor																																
137. Puerperal septicæmia																																
138. Albuminuria and puerperal eclampsia																																
VIII. Diseases of the Skin and Cellular Tissue.																																
144. Warm-acute abscess																																
IX. Diseases of the Organs of Locomotion.																																
147. Diseases of the joints (tuberculosis and rheumatism excepted)																																
X. Malformations.																																
150. Congenital malformations (stillbirths excepted)																																
XI. Early Infancy.																																
151. Congenital debility, icterus, and sclerema					14	18						1	3	4																		
152. Other special diseases of early infancy														1							1											
153. Lack of care																																
XII. Old Age.																																
154. Senile debility																																
XIII. Affections Produced by External Causes.																																
159. Suicide by firearms																																
160. Suicide by cutting instruments																																
164. Fractures																																
166. Other accidental traumatisms																																
167. Burns																														1		
171. Electrical shocks																																
172. Accidental submersion																													1			
173. Inanition																																
176. Other external violence																																
XIV. Ill-Defined Diseases.																																
177. Dropsy																																
178. Sudden death																																
179. Unspecified or ill-defined causes of death																																
Total					53	55						1	192	181							24	16							4	1	1	
Grand total					108							1	373								40								5		1	

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From ten to fifteen years.				From fifteen to twenty years.				From twenty to twenty-five years.				From twenty-five to thirty years.			
	A.	E.	F.	C.	A.	E.	F.	C.	A.	E.	F.	C.	A.	E.	F.	C.
	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.
I.																
General Diseases.																
1. Typhoid fever (abdominal typhus)			1				1 1	1								
4. Intermittent fever and malarial cachexia							1									1
4a. Malarial cachexia																1
5. Variola																
6. Measles																
8. Whooping cough																
9. Diphtheria and croup																
9a. Diphtheria																
10. Grippe																
12. Cholera, Asiatic							1 1									
14. Dysentery							1				1				2	
15. Plague			2				1									2
17. Leprosy															1	
18. Erysipelas																
19. Other epidemic affections (beri-beri)							3 1	1				1			1 3	1
20. Purelent infection and septicæmia																
22. Malignant pustule and charbon (anthrax)							1									
26. Tuberculosis of larynx															1	
27. Tuberculosis of lungs							6 1	1			3 5	1		1	6 4	
28. Tuberculosis of meninges																
29. Tuberculosis, abdominal															1	
33. Tuberculosis of other organs																
34. Generalized tuberculosis											1					
35. Scrofula																
36. Syphilis																1
40. Cancer and other malignant tumors of the stomach and liver															1	
42. Cancer and other malignant tumors of the female genitals																
44. Cancer and other malignant tumors of the skin																
45. Cancer and other malignant tumors of other organs and organs not specified																
47. Acute articular rheumatism																
48. Chronic rheumatism and gout																
50. Diabetes																
54. Anæmia chlorosis								1								
55. Other general diseases																
56. Acute alcoholism, or chronic																
II.																
Diseases of the Nervous System and the Organs of Special Sense.																
61. Meningitis, simple																
62. Progressive locomotor ataxia																
63. Other diseases of the spinal cord																
64. Cerebral congestion and hemorrhage							1									
65. Cerebral softening																
66. Paralysis without apparant cause											1					
67. General paralysis																
68. Other forms of insanity																
69. Epilepsy																
70. Eclampsia (nonpuerperal)																
71. Convulsions of children																
72. Tetanus																
74. Other diseases of the nervous system																
III.																
Diseases of the Circulatory System.																
78. Acute endocarditis																
79. Organic disease of the heart											1 1				1	
80. Angina pectoris											1 1					1
81. Affections of the arteries (atheroma, aneurism, etc.)																
82. Embolus and thrombosis																
85. Hemorrhages																
86 Other affections of the circulatory system																
IV.																
Diseases of the Respiratory System.																
88. Affections of the larynx																
90. Acute bronchitis																
91. Chronic bronchitis															1	
92. Broncho-pneumonia																
93. Pneumonia			1 1				2				2 1				2	
94. Pleurisy																
95 Pulmonary congestion and apoplexy																
97. Asthma																
98. Pulmonary empysema																
V.																
Diseases of the Digestive System.																
100. Affections of the mouth and its adnexa															1	
101. Affections of the pharynx																

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From ten to fifteen years.								From fifteen to twenty years.								From twenty to twenty-five years.								From twenty-five to thirty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
V. Diseases of the Digestive System—Cont.																																
103. Ulcer of the stomach																																
104. Other affections of the stomach (cancer excepted)																																
105. Diarrhea and enteritis (under 2 years)																																
105a. Diarrhea and enteritis, chronic																																
106. Diarrhea and enteritis (2 years and over)																																
107. Intestinal parasites																																
108. Hernias: Intestinal obstructions																																
110. Acute yellow atrophy of the liver																																
112. Cirrhosis of the liver																																
113. Biliary calculi																																
114. Other affections of the liver																																
116. Simple peritonitis (puerperal excepted)																																
117. Other affections of the digestive system (cancer and tuberculosis excepted)																																
118. Appendicitis and abscess of the iliac fossa																																
VI. Diseases of the Genito-Urinary System and its Adnexa.																																
119. Acute nephritis					1																											
120. Bright's disease					2																											
122. Calculi of the urinary tract																													1			
123. Diseases of the bladder																													1			
127. Metritis																																
128. Uterine hemorrhage (nonpuerperal)																						1										
133. Nonpuerperal diseases of the breast (cancer excepted)																																
VII. The Puerperal State.																																
135. Puerperal hemorrhage														1																1		
137. Puerperal septicæmia														1								2								2		
138. Albuminuria and puerperal eclampsia																																
VIII. Diseases of the Skin and Cellular Tissue.																																
144. Warm-acute abscess																																
145. Other diseases of the skin and its adnexa																																
IX. Diseases of the Organs of Locomotion.																																
147. Diseases of the joints (tuberculosis and rheumatism excepted)																																
XI. Early Infancy.																																
151. Congenital debility, icterus, and sclerema																																
152. Other special diseases of early infancy																																
153. Lack of care																																
XII. Old Age.																																
154. Senile debility																																
XIII. Affections Produced by External Causes.																																
164. Fractures																																
166. Other accidental traumatisms																					1											
167. Burns																																
171. Electrical shocks																																
172. Accidental submersion																																
174. Inhalation of deleterious gases (suicide excepted)																															1	
175. Other acute poisonings																													3			
176. Other external violence																													1			
XIV. Ill-Defined Diseases.																																
177. Dropsy																																
178. Sudden death																																
179. Unspecified or ill-defined causes of death														1																		
Total					6	2							17	8	3	1					8	14	2				1		21	14	7	
Grand total					8								25		4						22		2				1		35		7	

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From thirty to thirty-five years.								From thirty-five to forty years.								From forty to forty-five years.								From forty-five to fifty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
I.																																
General Diseases.																																
1. Typhoid fever (abdominal typhus)																																
4. Intermittent fever and malarial cachexia																																
4a. Malarial cachexia							1						1																1		1	
5. Variola																																
6. Measles																																
9a. Diphtheria																																
10. Grippe																																
12. Cholera, Asiatic																														1		
14. Dysentery					2	1									2								1								1	
15. Plague													1																			
17. Leprosy													1																	1		
18. Erysipelas																																
19. Other epidemic affections (beri-beri)						2								1	1						1		1						2	2		
20. Purulent infection and septicæmia																													2			
22. Malignant pustule and charbon (anthrax)																																
26. Tuberculosis of larynx					1																											
27. Tuberculosis of lungs					7	3	3						6		1						5	4	2						1	2	1	
28. Tuberculosis of meninges																																
29. Tuberculosis, abdominal																				1	1	1										
31. Cold abscess and abscess by congestion																																
33. Tuberculosis of other organs																																
34. Generalized tuberculosis													1								1											
35. Scrofula																																
36. Syphilis							1						1		1																	
40. Cancer and other malignant tumors of the stomach and liver																																
42. Cancer and other malignant tumors of the female genitals																																
44. Cancer and other malignant tumors of the skin																																
45. Cancer and other malignant tumors of other organs and organs not specified																					1		1									
47. Acute articular rheumatism																																
48. Chronic rheumatism and gout													1																			
49. Scurvy																																
50. Diabetes																																
54. Anæmia chlorosis																													1			
55. Other general diseases																																
56. Acute alcoholism, or chronic																																
II.																																
Diseases of the Nervous System and the Organs of Special Sense.																																
60. Encephalitis																																
61. Meningitis, simple																																
62. Progressive locomotor ataxia																																
63. Other diseases of the spinal cord																																
64. Cerebral congestion and hemorrhage																														1		
65. Cerebral softening																																
67. General paralysis															1																	
68. Other forms of insanity																																
69. Epilepsy																																
70. Eclampsia (nonpuerperal)																																
71. Convulsions of children																																
72. Tetanus																																
74. Other diseases of the nervous system																																
III.																																
Diseases of the Circulatory System.																																
77. Pericarditis																																
78. Acute endocarditis																																
79. Organic disease of the heart					1	1			1						1									1							2	
80. Angina pectoris						1							1								1											
81. Affections of the arteries (atheroma, aneurism, etc.)																																
82. Embolus and thrombosis																																
85. Hemorrhages																																
86. Other affections of the circulatory system																																
IV.																																
Diseases of the Respiratory System.																																
88. Affections of the larynx																																
90. Acute bronchitis																																
91. Chronic bronchitis																																
92. Broncho-pneumonia																																
93. Pneumonia					1								1		1						1		1						1			
94. Pleurisy																																
95. Pulmonary congestion and apoplexy																						1										
97. Asthma																																
98. Pulmonary emphysema																																

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From thirty to thirty-five years.								From thirty-five to forty years.								From forty to forty-five years.								From forty-five to fifty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
V.																																
Diseases of the Digestive System.																																
100. Affections of the mouth and its adnexa																																
103. Ulcer of the stomach					1																											
104. Other affections of the stomach (cancer excepted)																																
105. Diarrhea and enteritis (under 2 years)																																
105a. Diarrhea and enteritis, chronic																																
106. Diarrhea and enteritis (2 years and over)																																
107. Intestinal parasites																																
108. Hernias: Intestinal obstructions													1																			
110. Acute yellow atrophy of the liver																																
112. Cirrhosis of the liver					1																											
113. Biliary calculi																																
114. Other affections of the liver					1																											
116. Simple peritonitis (puerperal excepted)																																
117. Other affections of the digestive system (cancer and tuberculosis excepted)																																
118. Appendicitis and abscess of the iliac fossa																																
VI.																																
Diseases of the Genito-Urinary System and its Adnexa.																																
119. Acute nephritis													1																			
120. Bright's disease						1																							1			
121. Other diseases of the kidneys and their adnexa																																
123. Diseases of the bladder																																
127. Metritis																																
128. Uterine hemorrhage (nonpuerperal)																																
133. Monpuerperal diseases of the breast (cancer excepted)																																
VII.																																
The Puerperal State.																																
135. Puerperal hemorrhage						3																										
136. Other accidents of labor																																
137. Puerperal septicæmia																																
138. Albuminuria and puerperal eclampsia																																
VIII.																																
Diseases of the Skin and Cellular Tissue.																																
144. Warm-acute abscess																																
145. Other diseases of the skin and its adnexa																																
IX.																																
Diseases of the Organs of Locomotion.																																
147. Diseases of the joints (tuberculosis and rheumatism excepted																																
XI.																																
Early Infancy.																																
151. Congenital debility, icterus, and sclerema																																
152. Other special diseases of early infancy																																
153. Lack of care																																
XII.																																
Old Age.																																
154. Senile debility																																
XIII.																																
Affections Produced by External Causes.																																
164. Fractures															1																	
166. Other accidental traumatisms																																
167. Burns																																
171. Electrical shocks																																
172. Accidental submersion																																
173. Inanition																																
175. Other acute poisonings																																
176. Other external violence																																
XIV.																																
Ill-Defined Diseases.																																
177. Dropsy																																
178. Sudden death																																
179. Unspecified or ill-defined causes of death																																
Total					15	13	4		1				16	1	9				1		11	6	6	1					9	7	5	
Grand total					28		4		1				17		9				1		17		7						16		5	

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From fifty upward.								Unknown.								Total.								Grand total.
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
I. General Diseases.																									
1. Typhoid fever (abdominal typhus)																					2	2	1		5
4. Intermittent fever and malarial cachexia					2	2															3	2	1		6
4a. Malarial cachexia						1	1														3	2	3		8
5. Variola																									
6. Measles																									
8. Whooping cough																									
9. Diphtheria and croup																									
10. Grippe																					1				1
12. Cholera, Asiatic															1						2	2	1		5
14. Dysentery					4	1															10	6	4		20
15. Plague					1																4	1	2		7
17. Leprosy																					2	1			3
18. Erysipelas					1																1				1
19. Other epidemic affections (beri-beri)					1	2															9	11	5		25
20. Purulent infection and septicæmia																					2				2
22. Malignant pustule and charbon (anthrax)																					1				1
26. Tuberculosis of larynx					1																3				3
27. Tuberculosis of lungs					11	6	1												1		45	26	11		83
28 Tuberculosis of meninges																					1	1			2
29. Tuberculosis, abdominal																				1	2	2			5
33. Tuberculosis of other organs																									
34. Generalized tuberculosis																					2	1			3
35. Scrofula					1																1				1
36. Syphilis																					1		3		4
39. Cancer and other malignant tumors of the buccal cavity					1																1				1
40. Cancer and other malignant tumors of the stomach and liver																						1			1
42. Cancer and other malignant tumors of the female genitals																									
44. Cancer and other malignant tumors of the skin																									
45. Cancer and other malignant tumors of other organs and organs not specified																					1		1		2
47. Acute articular rheumatism																									
48. Chronic rheumatism and gout					2	1															3	1			4
50. Diabetes																									
54. Anæmia chlorosis						2															1	2		1	4
55. Other general diseases																									
II. Diseases of the Nervous System and the Organs of Special Sense.																									
60. Encephalitis																									
61. Meningitis, simple																					13	12			25
63. Other diseases of the spinal cord																									
64. Cerebral congestion and hemorrhage			1		1	3													1		2	4			7
65. Cerebral softening					1																1				1
66. Paralysis without apparent cause																						1			1
67. General paralysis						2																2	1		3
68. Other forms of insanity																									
70. Eclampsia (nonpuerperal)																					24	23			47
71. Convulsions of children																					144	133			277
72. Tetanus																						4			4
73. Chorea						1																1			1
74. Other diseases of the nervous system																					1	1			2
III. Diseases of the Circulatory System.																									
77. Pericarditis																									
78. Acute endocarditis			1																1						1
79. Organic disease of the heart					2												1				5	2	3	1	12
80. Angina pectoris						1															3	4			7
81. Affections of the arteries (atheroma, aneurism, etc.)																									
82. Embolus and thrombosis																									
85. Hemorrhages																									
86. Other affections of the circulatory system																									
IV. Diseases of the Respiratory System.																									
88. Affections of the larynx																									
90. Acute bronchitis																					23	12			35
91. Chronic bronchitis						2	6														20	20	6		46
92. Broncho-pneumonia																						2			2
93. Pneumonia					1																13	2	2		17
95. Pulmonary congestion and apoplexy						1																3			3
96. Gangrene of the lungs																									
97. Asthma					1	3															1	3			4
99. Other diseases of the respiratory system (phthisis excepted)					1																1				1
V. Diseases of the Digestive System.																									
100. Affections of the mouth and its adnexa																					1				1
101. Affections of the pharynx																									
103. Ulcer of the stomach																					1				1
104. Other affections of the stomach (cancer excepted)																						1			1
105. Diarrhea and enteritis (under 2 years)																					7	8			15
105a. Diarrhea and enteritis, chronic						1															9	8			17
106. Diarrhea and enteritis (2 years and over)																									

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From fifty upward.								Unknown.								Total.								Grand total.
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.		F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
V. Diseases of the Digestive System—Continued.																									
107. Intestinal parasites																									
108. Hernias: Intestinal obstructions																					1				1
110. Acute yellow atrophy of the liver																					1				1
112. Cirrhosis of the liver																					1				1
113. Biliary calculi																						1			1
114. Other affections of the liver																					1				1
116. Simple peritonitis (puerperal excepted)																					1	1			2
118. Appendicitis and abscess of the iliac fossa																									
VI. Diseases of the Genito-Urinary System and its Adnexa.																									
119. Acute nephritis																					4	1			5
120. Bright's disease					3																7	1			8
122. Calculi of the urinary tract																					1				1
127. Metritis																						1			1
128. Uterine hemorrhage (nonpuerperal)																									
129. Tumor, uterine (noncancerous)																									
133. Nonpuerperal diseases of the breast (cancer excepted)																									
VII. The Puerperal State.																									
135. Puerperal hemorrhage																						5			5
136. Other accidents of labor																									
137. Puerperal septicæmia																						5			5
138. Albuminuria and puerperal eclampsia																									
VIII. Diseases of the Skin and Cellular Tissue.																									
144. Warm-acute abscess																									
IX. Diseases of the Organs of Locomotion.																									
146. Affections of the bones (nontuberculous)							1																1		1
X. Malformations.																									
150. Congenital malformations (stillbirths excepted)																									
XI. Early Infancy.																									
151. Congenital debility, icterus, and sclerema																			1		17	22			40
152. Other special diseases of early infancy																					1	1			2
153. Lack of care																									
XII. Old Age.																									
154. Senile debility					3	8															3	8			11
XIII. Affections Produced by External Causes.																									
164. Fractures																							1		1
166. Other accidental traumatisms																					1				1
167. Burns							1															2			2
171. Electrical shocks																									
172. Accidental submersion																					1		1		2
174. Inhalation of deleterious gases (suicide excepted)																					3				3
176. Other external violence																					1				1
XIV. Ill-Defined Diseases.																									
177. Dropsy																									
178. Sudden death																									
179. Unspecified or ill-defined causes of death																						1			1
Accidental submersion one male (nationality unknown)																									1
Total			2		38	38	9								1		1		3	2	414	356	47	2	826
Grand total			2		76		9								1		1		5		770		49		826

Number of Deaths with Causes Occurring Among Transients in Manila During the Month of January, 1904. These Deaths Are Not Included in Preparing Death Rate of City.

			Americans.		Foreigners.		Filipinos.		Chinese.		Total.
			M.	F.	M.	F.	M.	F.	M.	F.	
	I.	**I.**									
	General Diseases.	**Enfermedades Generales.**									
4a	Malarial cachexia	Caquexia palúdica					1				1
12	Asiatic cholera	Cólera asiático					1	1			2
14	Dysentery	Disenteria					1	1			2
20	Purulent infection and septicemia	Infección purulenta y septicemia					1				1
27	Tuberculosis of lungs	Tuberculosis del pulmón					5				5
	II.	**II.**									
	Diseases of the Nervous System and the Organs of Special Sense.	**Enfermedades del Sistema Nervioso y de los Organos de los Sentidos.**									
64	Cerebral congestion and hemorrhage	Congestion y hemorragia cerebrales			1						1
71	Convulsions of children	Convulsiones en los niños					5				5
	IV.	**IV.**									
	Diseases of the Respiratory System.	**Enfermedades del Aparato Respira orio.**									
90	Acute bronchitis	Bronquitis aguda					1				1
93	Pneumonia	Pneumonia					6				6
99	Other diseases of the respiratory system (phthisis excepted).	Otras enfermedades del aparato respiratorio (exceptuándose la tisis).					1				1
	V.	**V.**									
	Diseases of Digestive System.	**Enfermedades del Aparato Digéstivo.**									
105	Diarrhea and enteritis (under 2 years)	Diarrea y enteritis (en niños menores de 2 años)					1				1
	VI.	**VI.**									
	Diseases of the Genito-Urinary System and Its Adnexa.	**Enfermedades del Aparato Genito Urinario y de sus Anexos.**									
119	Acute nephritis	Nefritis aguda					1				1
	XIII.	**XIII.**									
	Affections Produced by External Causes.	**Afecciones Producidas por Causas Externas.**									
164	Fractures	Fracturas							1		1
166	Other accidental traumatisms	Otros traumatismos accidentales					1				1
176	Other external violence	Otras violencias exteriores					1				1
	Total				1		26	2	1		30

Bilibid Prison Report of Deaths Occurring During the Month of January, 1904.

	Presidio.				Carcel.							Condition.			Cemeteries.	
	Filipinos.		Chinese.		Americans.		Filipinos.		Chinese.		Total.	Single.	Married.	Unknown.	Loma.	Chinese.
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.						
Malarial cachexia	1										1					
Pulmonary tuberculosis	5						1				6					
General tuberculosis	1										1					
Lobar pneumonia	5						2				7					
Abscess of lungs	1										1	9	11		20	
Chronic enteritis	1										1					
Post urethral abscess							1				1					
Other external violence							1				1					
Gunshot wound of chest and arm							1				1					
Total	14						6				20	9	11		20	

Deaths by Occupation and by Age during the Month of January, 1904.

Occupation.	Under 15 years.	From 15 to 20 years.	From 20 to 25 years.	From 25 to 30 years.	From 30 to 35 years.	From 35 to 40 years.	From 40 to 45 years.	From 45 to 50 years.	From 50 years upward.	Total.
MALES.										
Laborers		5	2	6	3	4	4	3	9	36
Merchants				3		4		1	5	13
Carpenters				2				1	7	10
Coachmen		2	2			3			1	8
Embroiderers							1		1	2
Shoemakers							1	1		2
Forester				1						1
Silversmiths									2	2
Servants		2		1				1	1	5
Boatman					1					1
Grass venders					2					2
Barbers		1			1					2
Carriers		2						1	1	4
Machinists				1		1				2
Fishermen							1		2	3
Students	3	1								4
Tailors			1	1						2
Sailors				2			1			3
Cooks				1		3	1		1	6
Clerks					1	1	1		2	5
Farmers								1	1	2
Fireman					1					1
Bookkeeper						1				1
Painters					1		1			2
Sanitary inspector									1	1
Carriage maker					1					1
Stoker				1						1
MALES—continued.										
Chairmaker									1	1
Opium dealers						1		2		3
Total	3	13	5	19	12	17	11	11	35	126
FEMALES.										
Seamstresses			3	3	2		1		3	12
Laundresses			3	1				1	6	11
Cigar makers	1	2	2					1	1	7
Shopkeepers				2			1		1	4
Beggars									2	2
Laborer									1	1
Milk dealer								1		1
Silversmith									1	1
Real-estate agents					1				1	2
Embroiderers					1				1	2
Gate keepers				1				1		2
Broker							1			1
Sister of charity							1			1
Fisherwoman									1	1
Meat seller				1						1
Nurse					1					1
Servant		1								1
Total	1	3	8	8	5		4	4	18	51

Births Reported in January, 1904.[1]

	Males.	Females.	Total.
Americans			
Filipinos	223	239	462
Spaniards	1	1	2
Others Europeans			
Chinese	3		3
All Others			
Total	227	240	467

[1] Incomplete.

Annual Birthrate per Thousand for the Month.

Americans	
Filipinos	28.68
Spaniards	9.32
Other Europeans	
Chinese	1.66
All others	
Average	25.01

Report of Prescriptions Filled at the Municipal Dispensary, Showing Districts, Sex, and Age of Persons to Whom Medicines Have Been Given During the Month.

Districts.	Americans.				Foreigners.				Filipinos.				Chinese.				Total.
	Adults.		Children.		Adults.		Children.		Adults.		Children.		Adults.		Children.		
	M.	F	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
Sanitary District No. 1, San Nicolás									16	3	2						21
Sanitary District No. 2, Tondo									46	28	8	10					92
Sanitary District No. 3, Quiapo									40	42	23	8					113
Sanitary District No. 4, Santa Cruz									41	44	11	9					105
Sanitary District No. 5, Sampaloc									136	82	47	11					276
Sanitary District No. 6, Intramuros									15	37	16	13					81
Sanitary District No. 7, Paco, Ermita, Malate, etc.									20	18	22	12					72
Total									314	254	129	63					760

Report of Sick and Wounded City Poor Attended by Municipal Physicians During the Month of January, 1904.

Sanitary districts and physicians.	Foreigners.				Filipinos.				Chinese.				Total.	Cured.		Deaths.		Number of visits.
	Adults.		Children.		Adults.		Children.		Adults.		Children.							
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.		M.	F.	M.	F.	
Sanitary District No. 1, San Nicolas, Dr. V. Cavanna					13	7	2	4					26	7	10			134
Sanitary District No. 2, Tondo, Dr. V. Pantoja					17	17	4	3					41	18	12	2	5	183
Sanitary District No. 3, Quiapo, Dr. P. Gabriel	1				13	16	5	7					42	16	15		2	89
Sanitary District No. 4, Santa Cruz, Dr. C. Reyes					21	14	5	4					44	18	14	4	2	239
Sanitary District No. 5, Sampaloc, Dr. F. Castañeda					30	38	17	11					96	23	26	8	9	250
Sanitary District No. 6, Intramuros, Dr. R. Perramon	1				18	17	10	9					55	19	15	3	2	148
Sanitary District No. 7, Paco, Ermita, Malate, Pandacan, Sta. Ana, Dr. I. B. Cabarrus					14	15	17	16					62	16	19	5	7	152
Total	2				126	124	60	54					366	117	111	22	27	1,195

Monthly Report of San Lazaro Hospital for January, 1904.

	Leper department.							Women's department.				
	Europeans.		Filipinos.		Chinese.		Total.	Americans.	Europeans.	Filipinos.	Japanese.	Total.
	M.	F.	M.	F.	M.	F.						
Number of patients in hospital at last report		1	123	83			207			30	9	39
Number of patients received during the month			1	5			6		4	48	41	93
Number of patients discharged cured										32	21	53
Number of deaths			2	1			3					
Number of patients escaped			1	3			4					
Number of patients remaining in hospital		1	121	84			206		4	46	29	79

Bilibid Prison Sick Report for the Month of January, 1904.

Diseases.	Total sick as per last report.	Taken since last report.	Died.	Discharged.	Total number sick this date.
Cellulitis arm		2	1	1	
Compound comminuted fracture tibia		1			1
Dysentery, amœbic	1	5	1	4	1
Enteropsis		1		1	
Enteritis, acute		1		1	
Erysepelatous inflamation of leg		1		1	
Fever, malarial, intermittent	2	12		14	
Fever, malarial, remittent		3	2	1	
Gun shot wound in chest and arm		1	1		
Hemoptysis		2		2	
Hemophylia		1		1	
Hematemesis	1			1	
Intestinal colic		8		8	
Intestinal impaction		2		2	
Malarial cachexia pulmunary edema		1	1		
Morphinism		1		1	
Parenchymatous nephritis, chronic	1	2		1	2
Pleural effusion on right side		1			1
Pleurodynia		1		1	
Pneumonia, lobar	1	14	5	5	5
Pyonephrosis		1		1	
Post urethral abscess		1	1		
Puctured wounds of body		1		1	
Retention urethral stricture		2	1	1	
Smallpox	1			1	
Sublingual abscess		1		1	
Tuberculosis	7	5	5		7
Under observation		5			5
Uremia		1	1		
Varicella		2		1	1
Total	14	79	19	51	23

Insane, 32; convalescents, 16; disabled, 99.

General Inspection of Houses, Premises, Vaults, etc., with Improvements Ordered by Medical Inspectors, Chief Sanitary Inspectors, and Sanitary Inspectors for the Month of January, 1904.

1. Houses inspected by Chief Sanitary Inspectors	3,048
2. Houses reinspected for verification of work ordered	750
3. Houses inspected by sanitary inspectors	33,098
4. Houses reinspected by sanitary inspectors	9,143
5. Houses ordered cleaned (written)	12
6. Houses ordered cleaned (verbal)	6,793
7. Houses cleaned	5,981
8. Houses ordered whitewashed and painted	117
9. Houses whitewashed and painted	61
10. Houses disinfected	76
11. Number of houses recommended condemned and removed	0
12. Number of houses condemned and removed	0
13. Number of localities where "squatters" are located	22
14. Number of samples of water from wells sent to Laboratory	0
15. Number of reports from same	0
16. Number of fire plugs opened or closed for sanitary purposes	0
17. Number of hydrants recommended reopened	0
18. Number of houses where garbage has not been removed for two days	155
19. Number of persons reported sick to municipal physicians	195
20. Cesspools and vaults ordered cleaned	536
21. Cesspools cleaned	389
22. Yards ordered cleaned	3,093
23. Yards cleaned	1,940
24. Yards ordered repaired (repaved, etc.)	48
25. Yards repaired	28
26. Number of cholera cases reported by sanitary inspectors	0
27. Number of cholera cases reported by Auxiliary Advisory Board	1
28. Number of cholera cases found "alive"	0
29. Number of cholera cases found "dead"	5
30. Number of orders issued during the month	224
31. Number of orders complied with during the month	145
32. Number of orders awaiting action	336
33. Number of orders pending in court	13
34. Number of food tiendas in districts	1,527
35. Number of persons convicted for violation of sanitary order	23
36. Average in visiting each street and barrio during month	15.7
37. Number of regular inspectors on duty	45
38. Number of emergency inspectors on duty	0
39. Number of leper cases sent to San Lazaro Hospital	4
40. Number of plague cases reported	9
41. Number of smallpox cases reported	1
42. Houses in which traps are set	13,412
43. Houses in which bane is placed	1,862
44. Traps set	28,809
45. Plates with ratsbane placed	5,918
46. Rats caught by rat catchers	19,280
47. Rats caught by traps	11,601
48. Rats caught by poison	0
49. Rats purchased	184
50. Rat catchers employed	72

Station A, San Nicolas.

Monthly Sanitary Report, Harbor and River, January 31, 1904.

Cascos inspected	746
Lorchas inspected	230
Schooners inspected	83
Steamships inspected	67
Launches inspected	148
Trips made by the Board of Health launch to the bay	53
Trips made by the Board of Health launch up the river	55
Cholera cases found on ships and other crafts	0
Cholera cases found "alive"	0
Cholera cases found "dead"	0
Plague cases reported	0
Smallpox reported	0
Dead bodies found in river and harbor	1
Fumigated	30

Burials, January, 1904.

Cemeteries.	Number.
Loma (Government)	503
Paco (General Government)	17
Santa Cruz	6
Balic-balic	124
Binondo	14
Tondo	
Maytubig	42
Malate	45
Pandacan	28
Chinese	49
Crematory	1
Santa Ana	22
American National Cemetery	2
San Pedro Macati	1
Total	854

Twenty-eight of the above were stillbirths and 30 transient residents.

Disinterments, January, 1904.

Paco	10
Santa Cruz	6
Balic-balic	1
Chinese	13
Total	30

Report of Crematories, January, 1904.

Disposition.	Crematories. Palomar.	Santa Cruz.	Paco.	Total.
Animals cremated:				
American horses	2		15	17
American mules			4	4
Australian horses			4	4
China horses			1	1
China mules			2	2
Filipino horses	1		97	98
Carabaos			117	117
Cows	6		18	24
Calves	6	6	4	16
Dogs	154	46	23	223
Goats	5	1	14	20
Cats	67	46	20	133
Rats	7,481	3,062		10,543
Sheep		3	2	5
Monkeys		2	2	4
Fowls	227	143	49	419
Domestic birds	1	10	3	14
Deer	5	12	2	19
Pigs	20	221	16	257
Ducks	13			13
Total	7,988	3,552	393	11,933
Loads cremated:				
Garbage	1,731	1,008	1,426	4,165
Trade refuse	204	136	58	398
Organic matter	39	24		63
Waste	150	94	428	672
Market refuse	206	132		338
Condemned goods	20		2	22
Old sacks	2			2
Total	2,352	1,394	1,914	5,660

Report of Operations of the Pail Conservancy System for the Month of January, 1904.

Description.	New installations during month of January. Installations.	Seats.	Total installations prior to January 31, 1904. Installations.	Seats.	Pails removed and cleaned during the month.
Private houses	3	4	671	954	24,280
Public buildings	4	11	43	164	3,111
Public closets			11	170	9,156
Collecting stations [1]					3,689
Total					40,236
Mariquina					6,090

[1] Six in use.

Hand screws repaired, 568.
Pails repaired, 715.
Commodes repaired, 133.
Vaults, cesspools, etc., cleaned by public excavators, 29.
Vaults, cesspools, etc., cleaned by private contractors, 277.
Contents removed from vaults, cesspools, etc., 187 loads, 4 hours pumping, 101,500 gallons, 3,809 barrels.
Funds collected for installations of pails, ₱69.64; for cleaning pails, ₱1,392.48, $632.72 Spanish Filipino currency; for cleaning vaults, ₱50. Total, ₱1,512.12, $636.72 Spanish-Filipino currency.
Estimated number of people resorting to public closets daily 20,000.

Report of the Veterinary Division for the Board of Health for the Philippine Islands for the Month of January, 1904.

[DAVID G. MOBERLY, *Veterinary Surgeon;* MURRAY J. MYERS, *Assistant Veterinary Surgeon.*]

On arrival in city:	
Number of cattle inspected	3,760
Number of carabaos inspected	237
Number of horses inspected	175
Number of hogs inspected	3,718
Number of sheep inspected	60
Number of goats inspected	32
Number of other animals inspected	4
Total	7,986
In Government abattoir:	
Number of cattle slaughtered	2,384
Number of hogs slaughtered	5,256
In Government abattoir—Continued.	
Number of sheep slaughtered	138
Total	7,778
Number of cattle condemned and cremated	1
Number of hogs condemned and cremated	13
Number of horses condemned for glanders	18
Number of horses condemned for surra	1
Number of carrabaos condemned for surra	88
Number of other animals condemned	20
Total	141

Report of Action on Licenses taken during the Month of January, 1904.

Business for the conduction of which license is desired.	License applications approved.	License applications disapproved.	Total applications acted on.	Applications awaiting action.
1. Bakery	26	3	29	
2. Boarding house	2		2	
3. Candy	2		2	
4. Cooked food	2	1	3	
5. Candles, make and sell	1		1	
6. Cloth, to dye	1		1	
7. Drug store (Chinese)	10		10	
8. Drug store	13		13	
9. Establishment, undertakers	1		1	
10. Fish, dry and sell	1		1	
11. Food, native, make and sell	2	1	3	
12. Groceries, Chinese	1		1	
13. Hotel	3		3	
14. Hogs and chickens		1	1	
15. Laundry	9	4	13	
16. Liquor, first-class restaurant	3		3	
17. Liquor, second-class restaurant	4		4	
18. Liquor, first-class bar	3		3	
19. Liquor, second-class bar	1		1	
20. Lye water, make	1		1	
21. Perfumes, make and sell	1		1	
22. Provisions, Chinese	1		1	
23. Restaurant	18		18	
24. Refrigerator	1		1	
25. Soap, make and sell	6		6	
26. Sweetmeats, make and sell	16		16	
27. Shows, given indoor	1		1	
28. Sausages, make and sell	1		1	
29. Vermicelli	2		2	
30. Wine, native	1	1	2	
31. Water, aerated	2		2	
32. Water, toilet	1		1	
Total	137	11	148	

Report of Disinfections for the Month of January, 1904.

Diseases.	Number of disinfections.	Number of contacts.
Cholera	7	19
Bubonic plague	12	85
Leprosy	1	1
Glanders	5	
Surra	2	
Insanitary condition	45	
Total	72	105

List of Houses on which Work has been Completed in Accordance with Orders Issued from the Office of the Sanitary Engineer during January, 1904.

Number of house and street.	District.	Date completed.
San Nicolás	San Nicolas	Jan. 2, 1904
243 Elcano	do	Do.
119 Uli-Uli	Sampaloc	Do.
47 Peñarrubia	San Nicolás	Do.
5 Poblete	Binondo	Jan. 4, 1904
Theatre Rizal	Tondo	Do.
237 San Sebastian	Quiapo	Do.
174 Alix	Sampaloc	Jan. 5, 1904
132 Victoria	Intramuros	Jan. 6, 1904
3 Isaac Peral	Ermita	Do.
429 Paz	Santa Cruz	Jan. 7, 1904
Dasmariñas	Binondo	Do.
143 Malacañang	San Miguel	Jan. 8, 1904
95 Marina	Ermita	Do.
Convent San Sebastian	Quiapo	Do.
Theatre Zorrilla	Santa Cruz	Jan. 11, 1904
88 Magallanes	Intramuros	Do.
208 Jaboneros	San Nicolás	Jan. 12, 1904
Santa Mónica Int	Tondo	Do.
96 Santo Tomas	Intramuros	Jan. 14, 1004
21 San Nicolás	San Nicolás	Do.
198 Magdalena	Trozo	Do.
111-127 Azcarraga	Tondo	Do.
24 Alonso Velasquez	do	Do.
201-207 Aceyteros	do	Do.
Santa Mesa Int	Sampaloc	Jan. 16, 1094
21 San Nicolás	San Nicolás	Do.
Santiago de Vera	Tondo	Jan. 18, 1904
215 Magdalena	Trozo	Jan. 18, 1904
49 San Marcelino Int	Ermita	Do.
265 Aviles Int	San Miguel	Jan. 20, 1904
284-286 Herran	Paco	Do.
81-85 Marina	Ermita	Do.
45 Singalong	Malate	Do.
1 Cementerio	do	Do.
32 Norzagaray	Binondo	Do.
85 Arranque Int	Santa Cruz	Jan. 21, 1904
51 San Pedro	Quiapo	Do.
137 Misericordia	Santa Cruz	Do.
41 San Pedro	Quiapo	Do.
276 Sande	Tondo	Do.
296 Enrile	Santa Cruz	Do.
72 San Vicente	Binondo	Jan. 22, 1904
18 Asuncion	San Nicolás	Do.
Intendencia Building	Intramuros	Jan. 23, 1904
47 Sepulcro	Paco	Jan. 25, 1904
205-211 Magdalena	Trozo	Jan. 26, 1904
80-86 San Fernando	San Nicolás	Do.
243 San Sebastian	Quiapo	Do.
429 Paz Int	Santa Cruz	Do.
92 Echague	Quiapo	Do.
214-320 Cervantes	Santa Cruz	Do.
200 Soledad	Tondo	Jan. 27, 1904
12 Hormiga	Binondo	Do.
94 Concepcion	Ermita	Do.
22 San José	do	Jan. 31, 1904

Total 56 houses. Seventy-nine letters sent to property owners concerning faulty work done, and to the sanitary stations requesting the issuance of certain orders.

Office of the Sanitary Engineer.—Orders Issued and Complied with during the Month of January, 1904.

District.	Complied with.	Issued.
San Nicolás	38	36
Tondo	11	10
Quiapo	32	31
Santa Cruz	13	17
Sampaloc	14	26
Intramuros	20	32
Ermita	14	26
Total	142	178

Cases Brought in Court from the Office of the Sanitary Engineer for Noncompliance of Orders.

Streets.	District.	Fine.
593-629 Bilibid	Santa Cruz	$25.00
87 Aceyteros	Tondo	20.00
117 San Nicolás	San Nicolás	20.00
699 Lemery	Tondo	10.00
Hotel Delmonico	Intramuros	100.00
9-15 San José	Ermita	50.00
18-24 Barbosa	Quiapo	25.00
Total		250.00

Epidemic of Cholera in the City of Manila and Provinces from March 20, 1902, to December 31, 1903.

Months.	Manila.		Provinces.	
	Cases.	Deaths.	Cases.	Deaths.
1902.				
March	108	90	0	0
April	586	406	1,927	1,417
May	550	442	2,407	1,631
June	601	492	5,204	4,097
July	1,368	1,053	7,757	5,807
August	720	581	11,247	7,874
September	273	179	43,346	27,410
October	87	57	30,837	18,572
November	336	236	12,353	6,681
December	35	24	5,918	3,583
1903.				
January	7	4	4,921	2,757
February	2	1	2,997	2,009
March	6	6	1,903	1,124
April	33	27	1,772	1,147
May	230	212	1,402	885
June	39	38	3,554	2,945
July	42	38	4,167	2,806
August	89	72	10,212	7,406
September	290	263	4,610	3,669
October	127	118	2,497	1,935
November	31	26	1,068	898
December	14	13	126	100
Total	5,574	4,378	160,225	104,753

Cholera Report for Manila from January 1 to January 31, 1904.

	Cases.		Deaths.	
	M.	F.	M.	F.
Americans				
Filipinos	1	2	2	2
Chinese	1		1	
Europeans				
Total	2	2	3	2

	C.	D.
San Nicolas		
Tondo	1	1
Quiapo	1	1
Santa Cruz		
Sampaloc	1	1
Intramuros		1
Ermita		
Pandacan	1	1
Total	4	5

	C.	D.
From 1 to 10 years	1	1
From 10 to 20 years	1	2
From 20 to 30 years		
From 30 to 40 years		
From 40 to 50 years	1	1
From 50 years and above		
Unknown	1	1
Total	4	5

Number of cases found "alive"	
Number of cases found "dead"	4
Total	4

One of these deaths is from a case of the month of December.

Report of Cholera Occurring in Provinces in the Philippine Islands during the Month of January, 1904.

Provinces and places.	Cases.	Deaths.	Total. Cases.	Total. Deaths.	Total. Per cent.
Cebú:					
Aloguinsan	1	1			
Badian	26	26			
Manganilla	6	6	58	58	100
Ronda	19	19			
Tudela	6	6			
Nueva Ecija:					
Aliaga	23	14	28	19	67
San Jose	5	5			

Provinces and places.	Cases.	Deaths.	Total. Cases.	Total. Deaths.	Total. Per cent.
Occidental Negros:					
Bacolod	40	35			
Cadiz	176	108	253	176	69
Manapla	32	32			
Pulupandan	5	1			
Total			339	253	
Mortality, per cent					74.92

Tabulated statement of the amount of vaccine virus distributed by the Board of Health during the month of January, 1904:

	Units.
United States Army	3,030
United States Navy	25
United States Public Health and Marine-Hospital Service	4,000
Inhabitants of the Philippine Islands (Manila not included)	141,200
Sold to the public	60
Used by public vaccinator and other institutions in the city of Manila	12,200
Total	160,515

Report of Vaccination, City of Manila, During the Month of January, 1904.

Chief Vaccinator, SATURNINO ESPEJO.

Districts.	Children.			Adults.			Totals.			
	Filipinos.	Chinese.	Americans and foreigners.	Filipinos.	Chinese.	Americans and foreigners.	Filipinos.	Chinese.	Americans and foreigners.	Grand total.
Walled City	157			352	101	1	509	101	1	611
Binondo	196	12		239	222		435	234		669
San Nicolás	62	10		110	510		172	520		692
Tondo	346			242	73	9	588	73	9	670
Santa Cruz	257	1		233	119	2	490	120	2	612
Quiapo	89			271		2	360		2	362
San Miguel	167			236		14	403		14	417
Sampaloc	241		1	736	30	10	977	30	11	1,018
Paco	357			296			653			658
Ermita	119			265		1	384		1	385
Malate	188			172		1	360		1	361
Total	2,179	23	1	3,152	1,055	40	5,331	1,078	41	6,450

Smallpox Report for Manila from January 1 to January 31, 1904.

	Cases.		Deaths.	
	M.	F.	M.	F.
Americans	2			
Filipinos				
Europeans				
Chinese				
Total	2			

	Cases.	Deaths.
San Nicolas		
Tondo		
Quiapo	1	
Santa Cruz		
Sampaloc		
Intramuros	1	
Ermita		
Total	2	

	Cases.	Deaths.
1 year to 10 years		
10 years to 20 years		
20 years to 30 years	1	
30 years to 40 years	1	
40 years to 50 years		
50 years and above		
Total	2	

Number of cases found "alive"	2
Number of cases found "dead"	
Total	2

Bubonic Plague Report for Manila from January 1 to January 31, 1904.

	Cases.		Deaths.	
	M.	F.	M.	F.
Americans				
Filipinos	4	2	4	1
Europeans				
Chinese	4		2	
Total	8	2	6	1

	Cases.	Deaths.
San Nicolás	5	3
Tondo		
Quiapo		
Santa Cruz	2	1
Sampaloc		
Intramuros	3	3
Ermita		
Total	10	7

	Cases.	Deaths.
1 year to 10 years		
10 years to 20 years	4	3
20 years to 30 years	2	2
30 years to 40 years	3	1
40 years to 50 years		
50 years and above	1	1
Total	10	7

Number of cases found "alive"	5
Number of cases found "dead"	5
Total	10

Reports Received of Lepers Living in the Various Provinces of the Philippine Islands to January 31, 1904.

Province.	Race.	Number of men.	Number of women.	Children.		Single.		Married.		Widower.	Widow.	Total.
				M.	F.	M.	F.	M.	F.			
Antique	Filipino	92	37	2	2	38	28	42	4	12	5	133
Batangas	do	19	5			12	3	3	3	3		24
Bataan	do	10	4	1	1	5		3	2	2	2	16
Benguet	Igorrote	31	10	1	1	1		21	10	9		43
Ambos Camarines	Filipino	33	17	1	1	24	12	8	5	1		52
Bulacan	do	17	9	2	1	12	6	5	3			29
Ilocos Norte	do	45	28	5	2	9	10	31	8	5	10	80
Ilocos Sur	do	176	84	4	2	101	50	66	17	14	12	266
Leyte	do	49	38	1	3	26	27	20	7	3	4	91
Masbate	do	51	35	25	10	22	15	23	19	2	5	121
Cagayan	do	57	42		3	25	11	25	28	7	3	102
Lepanto	do	14	4	1		5	1	8		1	3	19
Cavite	do	17	5		3	16	3	1			2	25
Nueva Ecija	do	44	24			19	12	22	8	2	5	68
Negros Occidental	do	26	11	5	1	17	10	8	1	1		43
Pampanga	do	8	5	2		3	1	5	3	1		15
Pangasinan	do	120	80	2	3	36	28	65	38	19	14	205
Rizal	do	41	24	2		19	12	21	7	3	3	67
Marinduque	do	1	1	1			1	1				3
Laguna	do	2	1					2	1			3
San Lazaro	do	100	76	21	9	69	42	24	19	7	15	206
Tarlac	do	27	24	11	4	7	9	17	11	2	5	66
Sorsogon	do	75	33	1	1	33	17	40	10	3	5	110
Romblon	do	13	14			5	9	8	4	1		27
Samar	do	39	32	13	8	17	9	21	18	3	3	92
Union	do	43	28	3		15	14	24	12	4	2	74
Zambales	do	58	35	2		30	15	26	13	4	5	95
Mindanao	Moro	140	74	3	3	84	46	45	18	9	12	220
Cebu	Filipino	171	89	5	4	136	64	33	21	3	3	269
Iloilo	do	231	66	11	2	113	37	94	9	24	20	310
Negros Oriental	do	66	42	6	2	27	23	32	14	7	5	116
Isabela de Luzon	do	18	4	1		3	1	10	3	5		23
Tayabas	do	1								1		1
Albay	do	68	33	1	1	30	18	27	10	11	5	103
Nueva Vizcaya	do	13	12	2		7	3	4	6	2	3	27
Abra	do	11	6			5	4	5	2	1		17
Bohol	do	46	46	5	1	20	19	27	17	3	6	98
Capiz	do	44	33	19	9	26	24	13	12	1	1	105
Surigao	do		1								1	1
Total		2,017	1,112	159	77	1,017	584	830	363	176	159	3,365

Station of San Mateo, District of Mariquina, Rizal.—Sanitary Report for the Month of January, 1904.

Houses inspected by the Chief Sanitary Inspector	840
Houses reinspected for verification of work ordered	497
Houses inspected by sanitary inspectors	13,290
Houses reinspected by sanitary inspectors	1,812
Houses ordered cleaned (verbal)	561
Houses cleaned	561
Number of persons reported sick to municipal physician	21
Yards ordered cleaned	1,071
Yards cleaned	1,071
Number of orders issued during the month	4
Number of orders complied with during the month	4
Number of emergency inpectors on duty	6

District of Mariquina, Rizal.—Sanitary Report for the Month of January, 1904.

Houses inspected by the Chief Sanitary Inspector	824
Houses reinspected for verification of work ordered	401
Houses inspected by sanitary inspectors	9,681
Houses reinspected by sanitary inspectors	2,835
Houses ordered cleaned (verbal)	669
Houses cleaned	669
Houses disinfected	37
Number of houses where garbage has not been removed for two days	221
Number of persons reported sick to municipal physicians	45
Yards ordered cleaned	644
Yards cleaned	644
Yards ordered repaired (repaved, etc.)	504
Yards repaired	504
Number of orders issued during the month	1,856
Number of orders complied with during the month	1,856
Number of food tiendas in district	260
Average in visiting each street and barrio during month	8

Bureau of Government Laboratories—Biological Laboratory Report, January, 1904.

	Positive.	Negative.	Total.
Gonococci	105	1,334	1,439
Smears for plague bacilli		1	1
Chloroseptol, for disinfectant			1
Carabao for surra	380	2,399	2,779
Rats received			18,431

	Positive.	Negative.	Total.
Rats examined for plague		244	
Necropsies:			
Asiatic cholera			5
Plague			5
All others			24

Water analyses of city water, each Monday during January.

Meteorological Data Deduced from Hourly Observations.

Date.	Barometer,[1] mean.		Temperature. Mean.		Temperature. Maximum.		Temperature. Minimum.		Relative humidity, mean.	Prevailing direction.	Wind. Total daily motion.		Wind. Maximum. Force.		Wind. Maximum. Direction.	Sunshine.	Rainfall.	
	Inches.	*mm.*	°*C.*	°*F.*	°*C.*	°*F.*	°*C.*	°*F.*	*Per ct.*		*Km.*	*Miles.*	*Km.*	*Miles.*		*h. m.*	*Inch.*	*mm.*
1	29.908	759.65	25.0	77.0	29.7	85.5	19.6	67.3	80.7	W., S.	110	68	9	6	W.	7-15		
2	29.884	59.05	25.0	77.0	29.3	84.7	19.6	67.3	76.3	W.	104	65	14	9	W.	8-50		
3	29.874	58.78	24.1	75.4	28.1	82.6	18.6	65.5	79.6	WSW.	59	37	8	5	W.	1-05		
4	29.922	59.99	24.2	75.6	29.4	84.9	18.0	64.4	73.7	Variable.	91	57	15	9	N.	7-05		
5	29.983	61.54	24.1	75.4	28.4	83.1	18.9	66.0	71.5	E.	140	87	19	12	E.	4-35		
6	30.043	63.08	23.7	74.7	29.3	84.7	17.3	63.1	66.2	NE.	244	152	26	16	NE.	8-50		
7	30.057	63.42	24.1	75.4	28.6	83.5	18.4	65.1	67.9	NW-N.	179	111	11	7	NNE.	3-30		
8	30.057	63.43	24.8	76.6	28.7	83.7	19.4	66.9	72.8	Variable.	139	86	13	8	NNW.	3-50		
9	30.045	63.13	25.4	77.7	29.7	85.5	20.2	68.4	73.9	ESE.	123	76	15	9	ESE.	3-05		
10	30.034	62.84	25.3	77.5	29.1	84.4	20.9	69.6	82.3	SW.-WSW.	82	51	10	6	WSW.	5-05	.028	0.7
11	30.017	62.42	25.6	78.1	29.2	84.6	21.9	71.4	80.6	S., W.	150	93	16	10	W.	4-30		
12	29.979	61.44	25.0	77.0	29.7	85.5	19.7	67.5	77.1	S., SSE.	109	68	13	8	WNW.	5-30		
13	29.940	60.46	24.6	76.3	29.7	85.5	18.8	65.8	74.7	WSW., N.	146	91	14	9	WSW.	7-10		
14	29.918	59.91	23.5	74.3	28.7	83.7	16.4	61.5	75.8	N.	144	89	17	11	W.	8-10		
15	29.913	59.78	23.9	75.0	29.2	84.6	17.0	62.6	76.1	N.	128	80	10	6	ENE.	4-45		
16	29.912	59.75	24.3	75.7	28.0	82.4	18.8	65.8	75.7	NNE.	160	99	16	10	N.	0-00		
17	29.898	59.39	25.6	78.1	29.2	84.6	19.8	67.6	72.2	SW.-NNO.	122	76	12	7	W.	1-50		
18	29.882	58.99	25.4	77.7	30.2	86.4	20.2	68.4	74.8	N.	178	111	22	14	NE.	1-55		
19	29.841	57.96	25.7	78.3	30.1	86.2	21.3	70.3	80.0	N.	142	88	15	9	N.	1-05	.039	1.0
20	29.861	58.45	24.6	76.3	30.1	86.2	22.2	72.0	93.0	NNE.	172	107	20	12	N. by E.	1-40	.429	10.9
21	29.878	58.90	25.8	78.4	30.1	86.2	21.5	70.7	86.5	W.	86	53	14	9	N.	4-55	.185	4.7
22	29.894	59.31	26.0	78.8	31.3	88.3	21.5	70.7	75.2	NE.-N.	168	104	23	14	N.	4-00		
23	29.916	59.85	25.9	78.6	30.8	87.4	21.6	70.9	74.3	NNE., ESE.	172	107	16	10	ESE.	5-55		
24	29.930	60.19	26.3	79.3	30.3	86.5	21.2	70.2	76.2	W.	152	94	14	9	W.	7-55		
25	29.968	61.18	26.0	78.8	29.5	85.1	21.5	70.7	80.4	NE.	136	85	11	7	SSW.	3-00	.138	3.5
26	29.947	60.64	25.8	78.4	30.7	87.3	20.3	68.5	77.2	W., NE.	157	98	16	10	W.	7-15	.004	0.1
27	29.926	60.11	25.8	78.4	31.2	88.2	20.9	69.6	75.1	ESE.	180	112	18	11	SE.	7-50		
28	29.928	60.14	25.8	78.4	31.4	88.5	19.9	67.8	73.6	N.-NE.	149	93	16	10	NE.	6-40		
29	29.919	59.92	26.2	79.2	31.4	88.5	18.9	66.0	73.6	E.	114	71	11	7	WSW.	7-40		
30	29.883	59.03	25.4	77.7	30.3	86.5	22.0	71.6	86.5	Variable.	126	78	12	7	WSW.	4-20	.547	13.9
31	29.864	58.53	26.2	79.2	32.3	90.1	20.8	69.4	75.0	NE.	164	102	18	11	ENE.	6-35		
Mean	29.936	760.36	25.1	77.2	29.8	85.6	19.9	67.8	76.7		139.5	86.7	15.0	9.3		5-02		
Total											4,326	2,689				155-50	1.370	34.8

[1] Corrected for instrumental error and for temperature and reduced to sea level. Correction to standard gravity, —1.72 mm. (—0.068 inch).

GENERAL LIBRARY
UNIV. OF MICH.
JUN 20 1904

MONTHLY REPORT

OF THE

Board of Health for the Philippine Islands

AND

CITY OF MANILA,

FEBRUARY, 1904.

TO THE HON. DEAN C. WORCESTER, SECRETARY OF THE INTERIOR.

Maj. E. C. CARTER, M. D., U. S. Army,
Commissioner of Public Health.

Capt. E. L. MUNSON, A. M., M. D., U. S. Army,
Assistant to Commissioner of Public Health.

H. D. OSGOOD, B. S.,
Sanitary Engineer for the Philippine Islands.

T. R. MARSHALL, M. D.,
Chief Health Inspector.

P. C. FREER, M. D., Ph. D.,
Superintendent of Government Laboratories.

MANUEL GOMEZ MARTINEZ, M. D.,
Secretary Board of Health.

MANILA:
BUREAU OF PUBLIC PRINTING.
1904.

16544

LETTER OF TRANSMITTAL.

DEPARTMENT OF THE INTERIOR,
BOARD OF HEALTH FOR THE PHILIPPINE ISLANDS,
OFFICE OF THE COMMISSIONER,
Manila, March 15, 1904.

SIR: I have the honor to submit herewith the report of the Board of Health for the Philippine Islands and the city of Manila for the month of February, 1904 and would invite your attention to the following points:

The chief and more important causes of death occurring in the population of Manila during the month, with the total number of deaths from each cause and the number occurring among children of less than 1 year of age, were as follows:

Cause.	Total deaths.	Deaths under 1 year of age.
Convulsions of children	259	259
Pulmonary tuberculosis	78	0
Chronic bronchitis	41	25
Acute bronchitis	40	36
Eclampsia, nonpuerperal	36	36
Congenital debility	28	28
Meningitis	24	19
Beri-beri	20	0
Diarrheal diseases	13	12
Dysentery	13	1
Bright's disease	10	2
Typhoid fever	8	0
Pneumonia	8	0
Cerebral congestion	7	0
Tetanus	7	5
Plague	6	0
Malarial fevers	5	0
Other diseases of infancy	5	5
Puerperal septicæmia	4	0
Cholera	3	0
Broncho-pneumonia	3	1
Asthma	2	0
Leprosy	1	0

Of the total deaths occurring in the city during the month, 60.1 per cent occurred in children who had not completed the first year of life.

During the month there were 7 cases of bubonic plague, with 6 deaths. Of these cases, none was furnished by the Chinese, who have now largely received protective inoculations against the disease. In the suppression of plague a total of 30,658 rats was destroyed during the month, but of the relatively small number examined at the Laboratory for this disease none was found to be affected.

Three cases of cholera, with 3 deaths, were reported as occurring in the city during the month. The first two cases occurred on February 3 and 4. The third case occurred on February 29, and was open to doubt in respect to the correctness of the diagnosis, as no bacteriological examination was made. A total of 61 cases, with 42 deaths, was reported from the provinces during the month, all these cases being reported from the Provinces of Iloilo and Occidental Negros. A special investigation of an alleged cholera outbreak of 9 cases and 2 deaths in Capiz Province showed that the cause of these was not cholera. Following the disappearance of cholera from the Islands, it is probable that towns in which there are no physicians will continue for some time to report as cholera all cases resembling that disease in any way.

There were 192,860 units of vaccine virus issued, largely for use in the provinces. In Manila, 6,167 vaccinations were made. No cases of smallpox occurred in the city during the month, although the disease was quite prevalent in certain provinces.

The birthrate in the city of Manila for the month, at the rate of 30.12 per thousand, is the highest rate yet reported, but the returns are still incomplete in spite of the greater attention lately given to securing records of births.

For some months an effort has been made by this office to secure accurate figures as to the number of insane persons in the Archipielago, with a view to considering proper measures for their care. Returns of insane

from isolated towns in the more remote provinces are secur d only after much delay, but so far sixteen provinces have reported a total of 1,415 insane, of which number 270 are stated to be violent.

The new hospital of the Board of Health at San Lazaro Hospital, for the treatment of cases of contagious and infectious diseases, was opened during the month. This hospital is on the pavilion plan, with detached pavilions for the segregation of cases of plague, cholera, and smallpox, each of these pavilions being divided into wards for males and females. The main building is used for administration purposes, dispensary, stores, kitchen, and mess, and at the present time also furnishes accommodations to the female nurses, pending completion of the detached buildings to be used as their quarters. The hospital has accommodations for one hundred patients, and this capacity can be doubled by the completion of the entire hospital plan through the erection of three additional pavilions should such increased accommodations be required. The equipment of the hospital is modern in all respects, and the Board of Health is now prepared to handle cases of infectious diseases in the best manner.

During the month the pail-conservancy system was transferred to the city and incorporated with the bureaus of street cleaning and garbage removal and disposal into a general division having charge of all scavenging work. Hereafter the city will carry out such work and this office will prescribe the methods under which it will be performed.

The work of the sanitary inspection of houses and premises was greatly reduced during the month by reason of the discharge of about four-fifths of the native sanitary inspectors for lack of appropriation for their maintenance. It is understood that it was the intention of the Commission that a large part of the work of domiciliary inspection should hereafter be done by municipal police acting under orders from this office for such work, but so far arrangements for securing their services have not been perfected, and the condition of the city as to cleanliness has already noticeably suffered thereby.

Very respectfully,

E. C. CARTER,
Major and Surgeon, United States Army,
Commissioner of Public Health.

The SECRETARY OF THE INTERIOR,
Manila, P. I.

Population of Manila.

[Preliminary rough count of census of 1903.]

Americans	4,389	Chinese	21,230
Filipinos	189,782	All others	895
Spaniards	2,528		
Other Europeans	1,117	Total	219,941

Deaths Occurring During the Month of February.

Americans	4
Filipinos	674
Spaniards	3
Other Europeans	1
Chinese	25
All others	1
Unknown	1
Total	709

Annual Death Rate per Thousand for the Month.

Americans	11.47
Filipinos	44.72
Spaniards	14.94
Other Europeans	11.27
Chinese	14.83
All others	14.07
Unknown	
Average	40.59

Deaths by Age, Including Transients.

Under 30 days	98
30 days to 1 year	343
1 year to 2 years	22
2 years to 5 years	13
5 years to 10 years	6
10 years to 15 years	4
15 years to 20 years	20
20 years to 25 years	19
25 years to 30 years	38
30 years to 40 years	54
40 years to 50 years	40
50 years to 60 years	33
60 years to 70 years	24
70 years to 80 years	8
80 years to 90 years	4
90 years to 100 years	3
110 years and above	1
Unknown	3
Total	733
Stillbirths	19

Deaths by Districts, Including Transients.

Districts.	Population.	Deaths.
Walled City	11,463	29
Binondo	16,613	44
San Nicolas	29,059	66
Tondo	39,045	179
Santa Cruz	35,040	132
Quiapo	11,149	48
Sampaloc	18,779	80
San Miguel	8,838	34
Paco	6,725	24
Ermita	12,226	14
Malate	8,858	36
Pandacan	2,990	12
Santa Ana	3,255	10
Transient residents	15,901	24
Unknown		1
Total	219,941	733

Number of deaths with medical attendance	344
Number of deaths without medical attendance	389
Total	733

A Classified Report of all Deaths Occurring in Manila, Including 24 Transients, during the Month of February, 1904.

Males.

Married	65
Widowers	21
Single	55
Boys	265
Condition not stated in certificate	5
Total	411

Condition and sex unknown, 1; stillbirths, 19.

Females.

Married	55
Widows	29
Single	18
Girls	217
Condition not stated in certificate	2
Total	321
Grand total	732

Comparative Mortality from January 1, 1900, to February 29, 1904.

Month.	1900.		1901.		1902.		1903.		1904.	
	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.
January	[1] 1,055	50.79	[1] 753	36.25	[1] 760	36.58	[1] 602	28.98	[2] 796	42.64
February	[1] 884	47.11	[1] 689	36.72	[1] 706	37.63	[1] 511	27.23	[2] 709	40.59
March	[1] 887	42.70	[1] 885	42.66	[1] 770	37.06	[1] 539	25.94		
April	[1] 805	40.04	[1] 886	44.07	[1] 1,327	66.01	[1] 549	27.31		
May	[1] 732	35.24	[1] 903	43.47	[1] 1,688	81.26	[1] 770	37.06		
June	[1] 599	29.79	[1] 621	30.89	[1] 1,418	70.54	[1] 592	29.45		
July	[1] 787	37.88	[1] 608	29.27	[1] 2,223	107.02	[2] 620	33.21		
August	[1] 825	39.71	[1] 702	33.79	[1] 1,712	82.42	[2] 862	46.17		
September	[1] 1,027	50.01	[1] 767	38.15	[1] 1,132	56.31	[2] 1,228	67.97		
October	[1] 961	46.23	[1] 855	41.16	[1] 927	44.62	[2] 1,217	65.19		
November	[1] 976	48.48	[1] 848	42.18	[1] 1,035	51.48	[2] 974	53.91		
December	[1] 905	43.54	[1] 858	41.30	[1] 753	36.25	[2] 894	47.89		

[1] Death rate computed on population of 244,732 (Health Department's census).
[2] Death rate computed on population of 219,941 (census 1903).

CAUSES OF DEATHS FOR THE MONTH OF FEBRUARY, 1904.

(STILLBIRTHS NOT INCLUDED.)

	NOMENCLATURE DESIGNED FOR THE STATISTICS OF DEATH.	NOMENCLATURA PARA LAS ESTADÍSTICAS DE DEFUNCIONES.	Americans.		Europeans.		Filipinos.		Chinese.		Total.
			M.	F.	M.	F.	M.	F.	M.	F.	
	I.	**I.**									
	General Diseases.	**Enfermedades Generales.**									
1	Typhoid fever (abdominal typhus)	Fiebre tifoidea					6	2			8
2	Exanthematic typhus	Tifus exantemático									
3	Recurrent fever	Fiebre recurrente									
4	Intermittent fever, and malarial cachexia	Fiebre intermitente				1	1	1			3
4a	Malarial cachexia	Caquexia palúdica					2				2
5	Variola	Viruelas									
6	Measles	Sarampión									
7	Scarlatina	Escarlatina									
8	Whooping cough	Tos ferina						1			1
9	Diphtheria and croup	Difteria y crup									
9a	Diphtheria	Difteria								1	1
10	Grippe	Gripe					1	1			2
11	Miliary fever	Fiebre miliar									
12	Asiátic cholera	Cólera asiático					3				3
13	Cholera, nostras	Cólera nostras									
14	Dysentery	Disenteria		1			4	6	2		13
14a	Epidemic dysentery	Disenteria epidémica									
15	Plague	Peste					5	1			6
16	Yellow fever	Fiebre amarilla									
17	Leprosy	Lepra					1				1
18	Erysipelas	Erisipelas					1				1
19	Other epidemic affections (beri-beri)	Otras afecciones epidémicas (beri-beri)					6	10	4		20
20	Purulent infection and septicemia	Infección purulenta y septicemia									
21	Glanders and farcy	Muermo y lamparones									
22	Malignant pustule and anthrax	Pústula maligna y antrax									
23	Rabies	Rabia									
24	Actinomycosis, trichinosis, etc	Actinomicosis, trichinosis, etc									
25	Pellagra	Pelagra									
26	Tuberculosis of larynx	Tuberculosis de la laringe					3	3			6
27	Tuberculosis of lungs	Tuberculosis del pulmón					41	30	6	1	78
28	Tuberculosis of meninges	Tuberculosis de las meninges					1				1
29	Tuberculosis of abdomen	Tuberculosis abdominal					1				1
30	Pott's disease	Mal de Pott						1			1
31	Cold abscess and abscess by congestion	Abscesos fríos y por congestión									
32	White swellings	Tumores blancos					1				1
33	Tuberculosis of other organs	Tuberculosis de otros órganos									
34	Generalized tuberculosis	Tuberculosis generalizada						1			1
35	Scrofula	Escrófula									
36	Syphilis	Sífilis							1		1
37	Gonorrhea of the adult	Blenorragia en los adultos									
38	Gonococcic infections of children	Afecciones gonocócicas en los niños									
39	Cancer and other malignant tumors of the buccal cavity.	Cáncer ú otros tumores malignos en la cavidad bucal					1				1
40	Cancer and other malignant tumors of the stomach and liver.	Cáncer ú otros tumores malignos del estómago ó hígado.									
41	Cancer and other malignant tumors of peritoneum, intestines, and rectum.	Cáncer ú otros tumores malignos del peritoneo, intestinos y recto.									
42	Cancer and other malignant tumors of the female genitals.	Cáncer ú otros tumores malignos de los órganos genitales de la mujer.						1			1
43	Cancer and other malignant tumors of the breast	Cáncer ú otros tumores malignos de la mama									
44	Cancer and other malignant tumors of the skin	Cáncer ú otros tumores malignos de la piel									
45	Cancer and other malignant tumors of other organs and organs not specified.	Cáncer ú otros tumores malignos en otros órganos									
46	Other tumors (tumors of the female genitals excepted)	Otros tumores (exceptuándose los de los órganos genitales de la mujer).									
47	Acute articular rheumatism	Reumatismo articular agudo					2				2
48	Chronic rheumatism, and gout	Reumatismo crónico y gota					2	1			3
49	Scurvy	Escorbuto									
50	Diabetes	Diabetes									
51	Exophthalmic goiter	Bocio exoftálmico									
52	Addisson's disease	Enfermedad bronceada de Addison									
53	Leukæmia	Leucemia					1				1
54	Anæmia, chlorosis	Anemia, clorosis									
55	Other general diseases	Otras enfermedades generales									
56	Acute alcoholism or chronic	Alcoholismo agudo ó crónico					1				1
57	Lead poisoning	Saturnismo									
58	Other poisonings incident to occupations	Otras intoxicaciones profesionales crónicas									
59	Other chronic poisonings	Otros envenenamientos crónicos									
	II.	**II.**									
	Diseases of the Nervous System and the Organs of Special Sense.	**Enfermedades del Sistema Nervioso y de los Órganos de los Sentidos.**									
60	Encephalitis	Encefalitis									
61	Simple meningitis	Meningitis simple					10	14			24
61a	Epidemic cerebro-spinal meningitis	Meningitis cérebro-espinal epidémica									
62	Progressive locomotor ataxia	Ataxia locomotriz progresiva									
63	Other diseases of the spinal cord	Otras enfermedades de la médula espinal									
64	Cerebral congestion and hemorrhage	Congestión y hemorragia cerebrales					5	2			7
65	Cerebral softening	Reblandecimiento cerebral					1				1
66	Paralysis without apparent cause	Parálisis sin indicación de causa					1	1			2
67	General paralysis	Parálisis generales						1			1

	NOMENCLATURE DESIGNED FOR THE STATISTICS OF DEATH.	NOMENCLATURA PARA LAS ESTADÍSTICAS DE DEFUNCIONES.	Americans. M.	Americans. F.	Europeans. M.	Europeans. F.	Filipinos. M.	Filipinos. F.	Chinese. M.	Chinese. F.	Total.
	II.—Diseases of the Nervous System and the Organs of Special Sense—Continued.	**II.—Enfermedades del Sistema Nervioso y de los Órganos de los Sentidos—Continuación.**									
68	Other forms of insanity	Otras formas de alineación mental									
69	Epilepsy	Epilepsia									
70	Eclampsia (nonpuerperal)	Eclampsia (no puerperal)					16	20			36
71	Convulsions of children	Convulsiones en los niños					134	125			259
72	Tetanus	Tétano					6	1			7
73	Chorea	Corea									
74	Other diseases of the nervous system	Otras enfermedades del sistema nervioso					2	1			3
75	Diseases of the eye and its adnexa	Enfermedades de ojos y sus anexos									
76	Diseases of the ear	Enfermedades de los oidos									
	III.	**III.**									
	Diseases of the Circulatory System.	**Enfermedades del Aparato Circulatorio.**									
77	Pericarditis	Pericarditis									
78	Acute endocarditis	Endocarditis aguda									
79	Organic disease of the heart	Enfermedades orgánicas del corazón	1				1	1	3		6
80	Angina pectoris	Angina de pecho			1			1			2
81	Affections of the arteries (atheroma, aneurism, etc.)	Afecciones de las arterias, etc					2	3			5
82	Embolus and thrombosis	Embolia y trombosis									
83	Affections of the veins (varices, hemorrhoides, phlebitis).	Afecciones de las venas									
84	Affections of the lymphatic system (lymphangitis, etc.).	Afecciones del sistema linfático									
85	Hemorrhages	Hemorragias									
86	Other affections of the circulatory system	Otras afecciones del aparato circulatorio									
	IV.	**IV.**									
	Diseases of the Respiratory System.	**Enfermedades del Aparato Respiratorio.**									
87	Diseases of the nasal fosse	Enfermedades de las fosas nasales									
88	Affections of the larynx	Afecciones de la laringe					1	1			2
89	Affections of the thyroid body	Afecciones del cuerpo tiroideo									
90	Acute bronchitis	Bronquitis aguda					20	20			40
91	Chronic bronchitis	Bronquitis crónica					21	16	4		41
92	Broncho-pneumonia	Bronco-pneumonía					1	1		1	3
93	Pneumonia	Pneumonía					6	2			8
94	Pleurisy	Pleuresía					2				2
95	Pulmonary congestion and apoplexy	Congestion y apoplegia pulmonares					1	2			3
96	Gangrene of the lungs	Gangrena del pulmón									
97	Asthma	Asma					1	1			2
98	Pulmonary emphysema	Enfisema pulmonar									
99	Other diseases of the respiratory system (phthisis excepted).	Otras enfermedades del aparato respiratorio (exceptuándose la tisis).									
	V.	**V.**									
	Diseases of Digestive System.	**Enfermedades del Aparato Digestivo.**									
100	Affections of the mouth and its adnexa	Afecciones de la boca y de sus anexos									
101	Affections of the pharynx	Afecciones de la faringe									
102	Affections of the esophagus	Afecciones del esófago									
103	Ulcer of the stomach	Ulcera del estómago						1			1
104	Other affections of the stomach (cancer excepted)	Otras afecciones del estómago (exceptuándose el cáncer).					1	1			2
105	Diarrhea and enteritis (under two years)	Diarrea y enteritis (en niños menores de 2 años)					4	2			6
105a	Chronic diarrhea and enteritis	Diarrea y enteritis crónica					5	1			6
106	Diarrhea and enteritis (two years and over)	Diarrea y enteritis (en niños de 2 ó más años)					1				1
107	Intestinal parasites	Parásitos intestinales									
108	Hernias, intestinal obstructions	Hernias; obstrucciones intestinales					1				1
109	Other affections of the intestines	Otras afecciones del intestino									
110	Acute yellow atrophy of the liver	Ictericia grave				1					1
111	Hydatid tumors of the liver	Tumores hidátidicos del hígado									
112	Cirrhosis of the liver	Cirrosis del hígado									
113	Biliary calculi	Cálculos biliares						1			1
114	Other affections of the liver	Otras afecciones del hígado					1	1			2
115	Affections of the spleen	Afecciones del bazo									
116	Simple peritonitis (puerperal excepted)	Peritonitis simple (exceptuándose la puerperal)									
117	Other affections of the digestive system (cancer and tuberculosis excepted).	Otras afecciones del aparato digestivo (exceptuándose el cáncer y tuberculosis).									
118	Appendicitis and abscess of the iliac fossæ	Apendicitis y filemón de la fosa iliaca									
	VI.	**VI.**									
	Diseases of the Genito-Urinary System and its Adnexa.	**Enfermedades del Aparato Génito Urinario y de sus Anexos.**									
119	Acute nephritis	Nefritis aguda					2				2
120	Bright's disease	Mal de Bright					2	6	2		10
121	Other diseases of the kidneys and their adnexa	Otras enfermedades de los riñones y de sus anexos									
122	Calculi of the urinary tract	Cálculos de las vías urinarias									
123	Diseases of the bladder	Enfermedades de la vegiga									
124	Diseases of the urethra, urinary abscess, etc	Enfermedades de la uretra									
125	Diseases of the prostate	Enfermedades de la próstata									
126	Nonvenereal diseases of the male genital organs	Enfermedades no venereas de los órganos genitales del hombre.									
127	Metritis	Metritis									
128	Uterine hemorrhage (nonpuerperal)	Hemorragia uterina (no puerperal)						1			1
129	Tumor, uterine (noncancerous)	Tumor uterino (no canceroso)									
130	Other diseases of the uterus	Otras enfermedades del útero									
131	Cysts and other tumors of the ovary	Quistes y otros tumores del ovario									
132	Other diseases of the female genital organs	Otras enfermedades de los órganos genitales de la mujer.									
133	Nonpuerperal diseases of the breast (cancer excepted).	Enfermedades no puerperales de la mama (exceptuándose el cáncer).									

	NOMENCLATURE DESIGNED FOR THE STATISTICS OF DEATH.	NOMENCLATURA PARA LAS ESTADÍSTICAS DE DEFUNCIONES.	Americans. M.	Americans. F.	Europeans. M.	Europeans. F.	Filipinos. M.	Filipinos. F.	Chinese. M.	Chinese. F.	Total.
	VII.	**VII.**									
	The Puerperal State.	**Estado Puerperal.**									
134	Accidents of pregnancy	Accidentes de la preñez									
135	Puerperal hemorrhage	Hemorragia puerperal						2			2
136	Other accidents of labor	Otros accidentes del parto									
137	Puerperal septicæmia	Septicemia puerperal		1				3			4
138	Albuminuria and puerperal eclampsia	Albuminuria y eclampsia puerperales						1			1
139	Puerperal phlegmasia alba dolens	Flegmasia alba dolens puerperal									
140	Other puerperal accidents—sudden death	Otros accidentes puerperales—muerte repentina						3			3
141	Puerperal diseases of the breast	Enfermedades puerperales de la mama									
	VIII.	**VIII.**									
	Diseases of the Skin and Cellular Tissue.	**Enfermedades de la Piel y del Tejido Celular.**									
142	Gangrene	Gangrena									
143	Furuncle	Forúnculo									
144	Warm acute abscess	Abscesos calientes agudos									
145	Other diseases of the skin and its adnexa	Otras enfermedades de la piel									
	IX.	**IX.**									
	Diseases of the Organs of Locomotion.	**Enfermedades de los Órganos de la Locomoción.**									
146	Affections of the bones (nontuberculous)	Afecciones de los huesos (exceptuando la tuberculosis)									
147	Diseases of the joints (tuberculosis and rheumatism excepted).	Afecciones de las articulaciones (exceptuando la tuberculosis y el reumatismo).									
148	Amputation	Amputación									
149	Other affections of the organs of locomotion	Otras afecciones de los órganos de la locomoción									
	X.	**X.**									
	Malformations.	**Vicios de Conformación.**									
150	Congenital malformations (stillbirths excepted)	Vicios de conformación congénitos (exceptuándose los de niños nacidos muertos).	1								1
	XI.	**XI.**									
	Early Infancy.	**Primera Infancia.**									
151	Congenital debility, icterus and sclerema	Debilidad congénita, ictericia y esclerema				1	23	5			29
152	Other special diseases of early infancy	Otras enfermedades especiales de la primera edad					5				5
153	Lack of care	Falta de cuidados									
	XII.	**XII.**									
	Old Age.	**Vejez.**									
154	Senile debility	Debilidad senil					3	5			8
	XIII.	**XIII.**									
	Affections Produced by External Causes.	**Afecciones Producidas por Causas Exteriores.**									
155	Suicide by poison	Suicidio por envenenamiento									
156	Suicide by asphyxia	Suicidio por asfixia									
157	Suicide by hanging or strangulation	Suicidio por suspensión ó por estrangulación									
158	Suicide by submersion	Suicidio por submersión									
159	Suicide by firearms	Suicidio por armas de fuego									
160	Suicide by cutting instruments	Suicidio por instrumentos cortantes									
161	Suicide by jumping from high place	Suicidio por dejarse caer desde un punto elevado									
162	Suicide by crushing	Suicidio por aplastamiento									
163	Other suicides	Otros suicidios									
164	Fractures	Fracturas									
165	Dislocations	Luxaciones									
166	Other accidental traumatisms	Otros traumatismos accidentales			1		1	1			3
167	Burns	Quemaduras por el fuego					1				1
168	Burning by corrosive substances	Quemaduras por substancias corrosivas									
169	Insolation	Insolación									
170	Freezing	Congelación									
171	Electrical shocks	Conmoción eléctrica									
172	Accidental submersion	Submersión accidental					1				1
173	Inanition	Inanición									
174	Inhalation of deleterious gases (suicide excepted)	Absorción de gases deletéreos									
175	Other acute poisonings	Otros envenenamientos agudos									
176	Other external violence	Otras violencias exteriores									
	XIV.	**XIV.**									
	Ill-Defined Diseases.	**Enfermedades mal Definidas.**									
177	Dropsy	Hidropesía									
178	Sudden death	Muerte repentina									
179	Unspecified or ill-defined causes of death	Causas de muerte no especificadas ó mal definidas						1			1
179	1 Filipino sex unknown and (64) 1 male nationality unknown										2
	Total		2	2	2	3	366	307	22	3	709
	Grand total		4		5		673		25		709

NUMBER OF DEATHS BY RACE, SEX, AND AGE.

CAUSE OF DEATH.	Less than one day to thirty days.				From thirty days to one year.				From one to five years.				From five to ten years.			
	A.	E.	F.	C.	A.	E.	F.	C.	A.	E.	F.	C.	A.	E.	F.	C.
	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.
I. General Diseases.																
1. Typhoid fever (abdominal typhus)															1	
4. Intermittent fever and malarial cachexia																
4a. Malarial cachexia															1	
5. Variola																
6. Measles																
8. Whooping cough							1									
9a. Diphtheria																1
10. Grippe											1 1					
12. Cholera, Asiatic																
14. Dysentery							1				2					
15. Plague											1					
17. Leprosy																
18. Erysipelas			1													
19. Other epidemic affections (beri-beri)																
20. Purulent infection and septicæmia																
22. Malignant pustule and charbon (anthrax)																
26. Tuberculosis of larynx																
27. Tuberculosis of lungs											1					
28. Tuberculosis of meninges																
29. Tuberculosis, abdominal																
30. Pott's disease																
32. White swelling																
33. Tuberculosis of other organs																
34. Generalized tuberculosis																
35. Scrofula																
36. Syphilis																
39. Cancer and other malignant tumors of the buccal cavity																
40. Cancer and other malignant tumors of the stomach and liver																
42. Cancer and other malignant tumors of the female genitals																
44. Cancer and other malignant tumors of the skin																
45. Cancer and other malignant tumors of other organs and organs not specified																
47. Acute articular rheumatism																
48. Chronic rheumatism and gout																
53. Leucæmia															1	
56. Acute alcoholism, or chronic																
II. Diseases of the Nervous System and the Organs of Special Sense.																
61. Meningitis, simple							9 10				1 3				1 1	
62. Progressive locomotor ataxia																
63. Other diseases of the spinal cord																
64. Cerebral congestion and hemorrhage																
65. Cerebral softening																
66. Paralysis without apparent cause																
67. General paralysis																
68. Other forms of insanity																
69. Epilepsy																
70. Eclampsia (nonpuerperal)			9 10				7 10									
71. Convulsions of children			25 19				110 107				1					
72. Tetanus			5								1					
74. Other diseases of the nervous system							2 1									
III. Diseases of the Circulatory System.																
78. Acute endocarditis																
79. Organic disease of the heart																
80. Angina pectoris										1						
81. Affections of the arteries (atheroma, aneurism, etc.)																
82. Embolus and thrombosis																
85. Hemorrhages																
86. Other affections of the circulatory system																
IV. Diseases of the Respiratory System.																
88. Affections of the larynx											1 1					
90. Acute bronchitis			1				17 18				1 2					
91. Chronic bronchitis							16 9				4 4					
92. Broncho-pneumonia							1					1				
93. Pneumonia																
94. Pleurisy																
95. Pulmonary congestion and apoplexy				1												
97. Asthma																
98. Pulmonary emphysema																
V. Diseases of the Digestive System.																
100. Affections of the mouth and its adnexa																
101. Affections of the pharynx																

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	Less than one day to thirty days.								From thirty days to one year.								From one to five years.								From five to ten years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
V. Diseases of the Digestive System—Cont.																																
103. Ulcer of the stomach																																
104. Other affections of the stomach (cancer excepted)													1	1																		
105. Diarrhea and enteritis (under 2 years)					1	1							3	1																		
105a. Diarrhea and enteritis, chronic													3	1							2											
106. Diarrhea and enteritis (2 years and over)																					1											
107. Intestinal parasites																					1											
108. Hernias: Intestinal obstructions																																
110. Acute yellow atrophy of the liver				1																												
112. Cirrhosis of the liver																																
113. Biliary calculi														1																		
114. Other affections of the liver																																
116. Simple peritonitis (puerperal excepted)																																
118. Appendicitis and abscess of the iliac fossa																																
VI. Diseases of the Genito-Urinary System and its Adnexa.																																
119. Acute nephritis																					2											
120. Bright's disease													1	1																		
121. Other diseases of the kidneys and their adnexa																																
123. Diseases of the bladder																																
127. Metritis																																
128. Uterine hemorrhage (nonpuerperal)																																
133. Nonpuerperal diseases of the breast (cancer excepted)																																
VII. The Puerperal State.																																
135. Puerperal hemorrhage																																
137. Puerperal septicæmia																																
138. Albuminuria and puerperal eclampsia																																
140. Other puerperal accidents, sudden death																																
VIII. Diseases of the Skin and Cellular Tissue.																																
144. Warm-acute abscess																																
IX. Diseases of the Organs of Locomotion.																																
147. Diseases of the joints (tuberculosis and rheumatism excepted)																																
X. Malformations.																																
150. Congenital malformations (stillbirths excepted)	1																															
XI. Early Infancy.																																
151. Congenital debility, icterus, and sclerema					14	4							8	2							1	1										
152. Other special diseases of early infancy					5																											
153. Lack of care																																
XII. Old Age.																																
154. Senile debility																																
XIII. Affections Produced by External Causes.																																
159. Suicide by firearms																																
160. Suicide by cutting instruments																																
164. Fractures																																
166. Other accidental traumatisms																																
167. Burns													1																			
171. Electrical shocks																																
172. Accidental submersion																																
173. Inanition																																
176. Other external violence																																
XIV. Ill-Defined Diseases.																																
177. Dropsy																																
178. Sudden death																																
179. Unspecified or ill-defined causes of death																																
Total	1			1	61	35							179	164					1	1	19	13		1					4	1		1
Grand total	1		1		96								343						2		32		1						5		1	

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From ten to fifteen years.								From fifteen to twenty years.								From twenty to twenty-five years.								From twenty-five to thirty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
I.																																
General Diseases.																																
1. Typhoid fever (abdominal typhus)																					1											
4. Intermittent fever and malarial cachexia						1						1											1									
4a. Malarial cachexia																													1			
5. Variola																																
6. Measles																																
8. Whooping cough																																
9a. Diphtheria																																
10. Grippe																																
12. Cholera, Asiatic													1								1											
14. Dysentery																													1	2		
15. Plague													2	1															1			
17. Leprosy																													1			
18. Erysipelas																																
19. Other epidemic affections (beri-beri)					1	1							1								1	1							1	4	2	
20. Purelent infection and septicæmia																																
22. Malignant pustule and charbon (anthrax)																																
26. Tuberculosis of larynx														2							2	1										
27. Tuberculosis of lungs					1						1		1								3	3							8	6	2	
28. Tuberculosis of meninges																													1			
29. Tuberculosis, abdominal																																
30. Pott's diseases																						1										
32. White swellings													1																			
33. Tuberculosis of other organs																																
34. Generalized tuberculosis																																
35. Scrofula																																
36. Syphilis																																
39. Cancer and other malignant tumors of the buccal cavity																																
40. Cancer and other malignant tumors of the stomach and liver																																
42. Cancer and other malignant tumors of the female genitals																																
45. Cancer and other malignant tumors of other organs and organs not specified																																
47. Acute articular rheumatism													1																1			
48. Chronic rheumatism and gout																																
50. Diabetes																																
53. Leucæmia																																
56. Acute alcoholism, or chronic																																
II.																																
Diseases of the Nervous System and the Organs of Special Sense.																																
61. Meningitis, simple													1																			
62. Progressive locomotor ataxia																																
63. Other diseases of the spinal cord																																
64. Cerebral congestion and hemorrhage														1																		
65. Cerebral softening																																
66. Paralysis without apparant cause																																
67. General paralysis																																
68. Other forms of insanity																																
69. Epilepsy																																
70. Eclampsia (nonpuerperal)																																
71. Convulsions of children																																
72. Tetanus																																
74. Other diseases of the nervous system																																
III.																																
Diseases of the Circulatory System.																																
78. Acute endocarditis																																
79. Organic disease of the heart									1																							
80. Angina pectoris																																
81. Affections of the arteries (atheroma, aneurism, etc.)																						1							1			
82. Embolus and thrombosis																																
85. Hemorrhages																																
86. Other affections of the circulatory system																																
IV.																																
Diseases of the Respiratory System.																																
88. Affections of the larynx																																
90. Acute bronchitis																																
91. Chronic bronchitis																																
92. Broncho-pneumonia																																
93. Pneumonia													1	1							1								2			
94. Pleurisy																																
95. Pulmonary congestion and apoplexy																																
97. Asthma																																
98. Pulmonary empysema																																
V.																																
Diseases of the Digestive System.																																
100. Affections of the mouth and its adnexa																																
101. Affections of the pharynx																																

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From ten to fifteen years.								From fifteen to twenty years.								From twenty to twenty-five years.								From twenty-five to thirty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
V. Diseases of the Digestive System—Cont.																																
103. Ulcer of the stomach																																
104. Other affections of the stomach (cancer excepted)																																
105. Diarrhea and enteritis (under 2 years)																																
105a. Diarrhea and enteritis, chronic																																
106. Diarrhea and enteritis (2 years and over)																																
107. Intestinal parasites																																
108. Hernias: Intestinal obstructions																																
110. Acute yellow atrophy of the liver																																
112. Cirrhosis of the liver																																
113. Biliary calculi																																
114. Other affections of the liver																																
116. Simple peritonitis (puerperal excepted)																																
118. Appendicitis and abscess of the iliac fossa																																
VI. Diseases of the Genito-Urinary System and its Adnexa.																																
119. Acute nephritis																																
120. Bright's disease																					1		1						1	1		
122. Calculi of the urinary tract																																
123. Diseases of the bladder																																
127. Metritis																																
128. Uterine hemorrhage (nonpuerperal)																																
133. Nonpuerperal diseases of the breast (cancer excepted)																																
VII. The Puerperal State.																																
135. Puerperal hemorrhage															1															1		
137. Puerperal septicæmia															1																	
138. Albuminuria and puerperal eclampsia																														1		
140. Other puerperal accidents, sudden death																																
VIII. Diseases of the Skin and Cellular Tissue.																																
144. Warm-acute abscess																																
IX. Diseases of the Organs of Locomotion.																																
147. Diseases of the joints (tuberculosis and rheumatism excepted)																																
X. Malformations.																																
150. Congenital malformations (stillbirths excepted)																																
XI. Early Infancy.																																
151. Congenital debility, icterus, and sclerema																																
152. Other special diseases of early infancy																																
XII. Old Age.																																
154. Senile debility																																
XIII. Affections Produced by External Causes.																																
166. Other accidental traumatisms																																
167. Burns																																
171. Electrical shocks																																
172. Accidental submersion														1																		
176. Other external violence																																
XIV. Ill-Defined Diseases.																																
177. Dropsy																																
178. Sudden death																																
179. Unspecified or ill-defined causes of death																																
Total					2	2			1		1	1	10	7							10	7	2						19	15	4	
Grand total					4				1		2		17								17		2						34		4	

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From thirty to thirty-five years.								From thirty-five to forty years.								From forty to forty-five years.								From forty-five to fifty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
I.																																
General Diseases.																																
1. Typhoid fever (abdominal typhus)					1	1															2											
4. Intermittent fever and malarial cachexia																																
4a. Malarial cachexia																																
5. Variola																																
6. Measles																																
8. Whooping cough																																
9a. Diphtheria																																
10. Grippe																																
12. Cholera, Asiatic													1																			
14. Dysentery		1																					1								1	
15. Plague																																
17. Leprosy																																
18. Erysipelas																																
19. Other epidemic affections (beri-beri)						2									1							1	1									
20. Purulent infection and septicæmia																																
22. Malignant pustule and charbon (anthrax)																																
26. Tuberculosis of larynx																																
27. Tuberculosis of lungs					7	2	3						6	4	1						4	5							5	2	1	1
28. Tuberculosis of meninges																																
29. Tuberculosis, abdominal																													1			
30. Pott's disease																																
32. White swellings																																
33. Tuberculosis of other organs																																
34. Generalized tuberculosis														1																		
35. Scrofula																																
36. Syphilis															1																	
39. Cancer and other malignant tumors of the buccal cavity																													1			
40. Cancer and other malignant tumors of the stomach and liver																																
42. Cancer and other malignant tumors of the female genitals																																
45. Cancer and other malignant tumors of other organs and organs not specified																																
47. Acute articular rheumatism																																
48. Chronic rheumatism and gout																													1			
50. Diabetes																																
53. Leucæmia																																
55. Other general diseases																																
56. Acute alcoholism, or chronic																																
II.																																
Diseases of the Nervous System and the Organs of Special Sense.																																
61. Meningitis, simple																																
62. Progressive locomotor ataxia																																
63. Other diseases of the spinal cord																																
64. Cerebral congestion and hemorrhage					1																											
65. Cerebral softening					1																											
66. Paralysis without apparent cause																													1			
67. General paralysis																																
68. Other forms of insanity																																
69. Epilepsy																																
70. Eclampsia (nonpuerperal)																																
71. Convulsions of children																																
72. Tetanus																																
74. Other diseases of the nervous system																																
III.																																
Diseases of the Circulatory System.																																
78. Acute endocarditis																																
79. Organic disease of the heart						1							1		1		1														2	
80. Angina pectoris																														1		
81. Affections of the arteries (atheroma, aneurism, etc.)																																
82. Embolus and thrombosis																																
85. Hemorrhages																																
86. Other affections of the circulatory system																																
IV.																																
Diseases of the Respiratory System.																																
88. Affections of the larynx																																
90. Acute bronchitis																					1											
91. Chronic bronchitis																																
92. Broncho-pneumonia																																
93. Pneumonia					1								1																2			
94. Pleurisy																																
95. Pulmonary congestion and apoplexy						1							1																			
97. Asthma																						1										
98. Pulmonary emphysema																																

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From thirty to thirty-five years.								From thirty-five to forty years.								From forty to forty-five years.								From forty-five to fifty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
V. Diseases of the Digestive System.																																
100. Affections of the mouth and its adnexa																																
103. Ulcer of the stomach														1																		
104. Other affections of the stomach (cancer excepted)						1																										
105. Diarrhea and enteritis (under 2 years)																																
105a. Diarrhea and enteritis, chronic																																
106. Diarrhea and enteritis (2 years and over)																																
107. Intestinal parasites																																
108. Hernias; Intestinal obstructions																																
110. Acute yellow atrophy of the liver																			1													
112. Cirrhosis of the liver																																
113. Biliary calculi																																
114. Other affections of the liver						1								1																		
VI. Diseases of the Genito-Urinary System and its Adnexa.																																
119. Acute nephritis																																
120. Bright's disease					1									1									1						1			
123. Diseases of the bladder																																
127. Metritis																																
128. Uterine hemorrhage (nonpuerperal)						1																										
133. Nonpuerperal diseases of the breast (cancer excepted)																																
VII. The Puerperal State.																																
135. Puerperal hemorrhage																																
137. Puerperal septicæmia		1				2																										
138. Albuminuria and puerperal eclampsia																																
140. Other puerperal accidents, sudden death						2								1																		
VIII. Diseases of the Skin and Cellular Tissue.																																
144. Warm-acute abscess																																
IX. Diseases of the Organs of Locomotion.																																
147. Diseases of the joints (tuberculosis and rheumatism excepted)																																
X. Malformations.																																
150. Congenital malformations (stillbirths excepted)																																
XI. Early Infancy.																																
151. Congenital debility, icterus, and sclerema																																
152. Other special diseases of early infancy																																
153. Lack of care																																
XII. Old Age.																																
154. Senile debility																																
XIII. Affections Produced by External Causes.																																
166. Other accidental traumatisms																											1					
167. Burns																																
171. Electrical shocks																																
172. Accidental submersion																																
XIV. Ill-Defined Diseases.																																
178. Sudden death																																
179. Unspecified or ill-defined causes of death																																
Total		2			12	14	3						11	8	4		1		1		7	7	3				1		12	3	4	1
Grand total	2				26		3						19		4		1		1		14		3				1		15		5	

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From fifty upward.				Unknown.				Total.				Grand total.
	A.	E.	F.	C.	A.	E.	F.	C.	A.	E.	F.	C.	
	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	
I. General Diseases.													
1. Typhoid fever (abdominal typhus)			1 1								6 2		8
4. Intermittent fever and malarial cachexia			1							1	1 1	1	4
4a. Malarial cachexia											2		2
5. Variola													
6. Measles													
8. Whooping cough											1		1
9a. Diphtheria												1	1
10. Grippe											1 1		2
12. Cholera, Asiatic											3		3
14. Dysentery			3 3						1		6 6	2	15
15. Plague			1								5 1		6
17. Leprosy											1		1
18. Erysipelas											1		1
19. Other epidemic affections (beri-beri)			2 1								6 10	4	20
20. Purulent infection and septicæmia													
22. Malignant pustule and charbon (anthrax)													
26. Tuberculosis of larynx			1								3 3		6
27. Tuberculosis of lungs			5 8							1	41 30	7 1	80
28. Tuberculosis of meninges											1		1
29. Tuberculosis, abdominal											1		1
30. Pott's diseases											1		1
32. White swellings											1		1
33. Tuberculosis of other organs													
34. Generalized tuberculosis											1		1
35. Scrofula													
36. Syphilis												1	1
39. Cancer and other malignant tumors of the buccal cavity											1		1
40. Cancer and other malignant tumors of the stomach and liver													
42. Cancer and other malignant tumors of the female genitals			1								1		1
45. Cancer and other malignant tumors of other organs and organs not specified													
47. Acute articular rheumatism											2		2
48. Chronic rheumatism and gout			1 1								2 1		3
50. Diabetes													
53. Leucæmia											1		1
56. Acute alcoholism, or chronic			1								1		1
II. Diseases of the Nervous System and the Organs of Special Sense.													
61. Meningitis, simple											12 14		26
63. Other diseases of the spinal cord													
64. Cerebral congestion and hemorrhage			4 2								5 3		8
65. Cerebral softening											1		1
66. Paralysis without apparent cause			1								1 1		2
67. General paralysis			1								1		1
68. Other forms of insanity													
70. Eclampsia (nonpuerperal)											16 20		36
71. Convulsions of children											135 127		262
72. Tetanus			1								6 1		7
73. Chorea													
74. Other diseases of the nervous system											2 1		3
III. Diseases of the Circulatory System.													
77. Pericarditis													
78. Acute endocarditis			1								1		1
79. Organic disease of the heart			1						2		2 1	3	8
80. Angina pectoris										1	1		2
81. Affections of the arteries (atheroma, aneurism, etc.)			1 2								2 3		5
82. Embolus and thrombosis													
85. Hemorrhages													
86. Other affections of the circulatory system													
IV. Diseases of the Respiratory System.													
88. Affections of the larynx											1 1		2
90. Acute bronchitis											20 20		40
91. Chronic bronchitis			1 3	4							21 16	4	41
92. Broncho-pneumonia			1								1 1	1	3
93. Pneumonia			1								8 2		10
94. Pleurisy			2								2		2
95. Pulmonary congestion and apoplexy											1 2		3
97. Asthma			1								1 1		2
99. Other diseases of the respiratory system (phthisis excepted)													
V. Diseases of the Digestive System.													
100. Affections of the mouth and its adnexa													
101. Affections of the pharynx													
103. Ulcer of the stomach											1		1
104. Other affections of the stomach (cancer excepted)											1 2		3
105. Diarrhea and enteritis (under 2 years)											4 2		6
105a. Diarrhea and enteritis, chronic											5 1		6
106. Diarrhea and enteritis (2 years and over)											1		1

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From fifty upward.				Unknown.				Total.				Grand total.
	A.	E.	F.	C.	A.	E.	F.	C.	A.	E.	F.	C.	
	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	
V. Diseases of the Digestive System—Continued.													
107. Intestinal parasites											1		1
108. Hernias: Intestinal obstructions										1			1
110. Acute yellow atrophy of the liver										1			1
112. Cirrhosis of the liver											1		1
113. Biliary calculi											1		2
114. Other affections of the liver													
116. Simple peritonitis (puerperal excepted)													
118. Appendicitis and abscess of the iliac fossa													
VI. Diseases of the Genito-Urinary System and its Adnexa.													
119. Acute nephritis											2		2
120. Bright's disease			1	3							6	6 2	14
122. Calculi of the urinary tract													
127. Metritis												1	1
128. Uterine hemorrhage (nonpuerperal)													
129. Tumor, uterine (noncancerous)													
133. Nonpuerperal diseases of the breast (cancer excepted)													
VII. The Puerperal State.													
135. Puerperal hemorrhage												2	2
137. Puerperal septicæmia									1			3	4
138. Albuminuria and puerperal eclampsia												1	1
140. Other puerperal accidents, sudden death												3	3
VIII. Diseases of the Skin and Cellular Tissue.													
144. Warm-acute abscess													
IX. Diseases of the Organs of Locomotion.													
146. Affections of the bones (nontuberculous)													
X. Malformations.													
150. Congenital malformations (stillbirths excepted)									1				1
XI. Early Infancy.													
151. Congenital debility, icterus, and sclerema										1	23	6	30
152. Other special diseases of early infancy											5		5
XII. Old Age.													
154. Senile debility			4	5							4	5	9
XIII. Affections Produced by External Causes.													
164. Fractures													
166. Other accidental traumatisms			1					1		1	1	1	3
167. Burns											1		1
171. Electrical shocks													
172. Accidental submersion											1		1
174. Inhalation of deleterious gases (suicide excepted)													
176. Other external violence													
XIV. Ill-Defined Diseases.													
177. Dropsy													
178. Sudden death													
179. Unspecified or ill-defined causes of death				1								1	1
64. Cerebral congestion and hemorrhage (male, nationality unknown)													1
179. Unspecified or ill-defined causes of death (Filipino, sex unknown)													1
Total			33	36	4			1	3	2 4	3 379	313 24	733
Grand total			69		4		1		5	7	692	27	733

Number of Deaths with Causes Occurring Among Transients in Manila During the Month of February, 1904. These Deaths Are Not Included in Preparing Death Rate of City.

			Americans.		Foreigners.		Filipinos.		Chinese.		Total.
			M.	F.	M.	F.	M.	F.	M.	F.	
	I.	**I.**									
	General Diseases.	**Enfermedades Generales.**									
4	Intermittent fever	Fiebre intermitente							1		1
14	Dysentery	Disenteria					2				2
27	Tuberculosis of lungs	Tubérculo de los pulmones			1				1		2
	II.	**II.**									
	Diseases of the Nervous System and the Organs of Special Sense.	**Enfermedades del Sistema Nervioso y otros Organos de los Sentidos especiales.**									
61	Meningitis, simple	Meningitis, simple					2				2
64	Cerebral congestion and hemorrhage	Congestión cerebral y hemorragia						1			1
71	Convulsions of children	Convulsiones infantiles					1	2			3
	III.	**III.**									
	Diseases of the Circulatory System.	**Enfermedades del Aparato Circulatorio.**									
78	Acute endocarditis	Endocarditis aguda						1			1
79	Organic disease of the heart	Enfermedades orgánicas del corazón	1				1				2
	IV.	**IV.**									
	Diseases of the Respiratory System.	**Enfermedades del Aparato Respiratorio.**									
93	Pneumonia	Pneumonia					2				2
	V.	**V.**									
	Diseases of Digestive System.	**Enfermedades del Aparato Digestivo.**									
104	Other affections of the stomach (cancer excepted)	Otras afecciones del estómago (exceptuando el cancer)						1			1
112	Cirrhosis of the liver	Cirrosis del higado			1						1
	VI.	**VI.**									
	Diseases of the Genito-Urinary System and Its Adnexa.	**Enfermedades del Aparato Génito Urinario y sus Anexos.**									
120	Bright's disease	Enfermedades de Bright					4				4
	XI.	**XI.**									
	Early Infancy.	**Enfermedades de la Infancia.**									
151	Congenital debility, icterus, and sclerema	Debilidad congenita, ictericia y esclerema						1			1
	XII.	**XII.**									
	Old age.	**Vejez.**									
154	Senile debility	Debilidad senil					1				1
	Total		1		2		13	6	2		24

Bilibid Prison Report of Deaths Occurring During the Month of February, 1904.

	Presidio.				Carcel.						Total.	Condition.				Cemeteries.	
	Filipinos.		Chinese.		Americans.		Filipinos.		Chinese.			Single.	Married.	Widower.	Widow.	Loma.	Chinese.
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.							
Dysentery, amœbic	2										2						
Pulmonary tuberculosis	8	1									9						
Lobar pneumonia	[1] 6						1				7	6	14	1	1	22	
Parenchymatous nephritis	2										2						
Nephritis, chronic							2				2						
Total	18	1					3				22	6	14	1	1	22	

[1] 1 Moro.

Of the total number of deaths occurring during the month of February, 1904, 733, including transients, 487 were of persons less than 16 years of age. Of the remaining 246 adults of both sexes only 138, classified below, had definite occupations.

Males:	
Laborers	26
Coachmen	4
Beggar	1
Fishermen	3
Carriers	3
Shopkeeper	1
Sailors	4
Cigar makers	2
Teacher	1
Carpenters	11
Students	3
Servants	4
Merchants	4
Laundryman	1
Clerks	6
Farmers	2
Messengers	2
Watch maker	1
Stonecutter	1
Machinists	2
Newspaper man	1
Fireman	1
Gunsmith	1
Males—continued.	
Sculptor	1
Ice cream dealer	1
Printer	1
Cashier	1
Physician	1
Tailor	1
Artist	1
Total	92
Females:	
Seamstresses	18
Midwife	1
Cigar makers	8
Cook	1
Laundresses	9
Shopkeeper	4
Embroiderers	2
Servants	2
Real estate agent	1
Total	46
Grand total	138

Deaths by Age and Occupations.

Occupation.	From 10 to 15 years.	From 15 to 20 years.	From 20 to 25 years.	From 25 to 30 years.	From 30 to 35 years.	From 35 to 40 years.	From 40 to 45 years.	From 45 to 50 years.	From 50 years upward.	Total.
MALES.										
Laborers	1		1	5	5	3	1	4	6	26
Coachmen			1		1	1			1	4
Beggar									1	1
Fishermen								1	2	3
Carriers		1					1		1	3
Shopkeeper					1					1
Sailors					2			1	1	4
Cigar makers		1				1				2
Teacher							1			1
Carpenters				2	1	3	1	1	3	11
Students		3								3
Servants		2		2						4
Merchants			1				1	1	1	4
Laundryman									1	1
Clerks			2	1			1	2		6
Farmers									2	2
Messengers						1			1	2
Watch maker					1					1
Stonecutter									1	1
Machinists				1	1					2
Newspaper man							1			1
Fireman			1							1
Gunsmith			1							1
Sculptor									1	1
MALES—continued.										
Ice cream dealer						1				1
Printer							1			1
Cashier							1			1
Physician								1		1
Tailor									1	1
Artist									1	1
Total	1	7	7	13	12	10	8	10	24	92
FEMALES.										
Seamstresses		3	1	2	4	2	1		5	18
Midwife									1	1
Cigar makers	1		1			2			4	8
Cook							1			1
Laundresses			2	2	2		1	1	1	9
Shopkeepers				1	1				2	4
Embroiderers		2							2	2
Servants									2	2
Real state agent									1	1
Total	1	5	4	5	7	4	3	1	16	46
Grand total	2	12	11	18	19	14	11	11	40	138

Births Reported in February, 1904.[1]

Americans	3
Filipinos	515
Spaniards	3
Other Europeans	3
Chinese	1
All others	1
Total	526

[1] Incomplete.

Annual Birthrate per Thousand for the Month.

Americans	8.63
Filipinos	34.17
Spaniards	14.94
Other Europeans	33.82
Chinese	.57
All others	14.07
Average	30.12

Report of Prescriptions Filled at the Municipal Dispensaries, Showing Districts, Sex, and Age of Persons to Whom Medicines Have Been Given During the Month of February, 1904.

Districts.	Americans.				Foreigners.				Filipinos.				Chinese.				Total.
	Adults.		Children.		Adults.		Children.		Adults.		Children.		Adults.		Children.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
Station A, Sanitary District No. 1, San Nicolas									3	10	3	2					18
Station C, Sanitary District No. 2, Tondo									41	44	25	17					127
Station F, Sanitary District No. 3, Quiapo									39	43	13						95
Station G, Sanitary District No. 4, Santa Cruz									43	28	8	2					81
Station I, Sanitary District No. 5, Sampaloc									105	20	15	25					165
Station J, Sanitary District No. 6, Intramuros									8	13	8	1					30
Station L, Sanitary District No. 7, Ermita, Malate, etc									61	56	50	34					201
Total									300	214	122	81					717

Report of Sick and Wounded City Poor Attended by Municipal Physicians During the Month of February, 1904.

Sanitary districts and physicians.	Foreigners.				Filipinos.				Chinese.				Total.	Cured.		Deaths.		Number of visits.
	Adults.		Children.		Adults.		Children.		Adults.		Children.							
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.		M.	F.	M.	F.	
Sanitary District No. 1, San Nicolas, Dr. V. Cavanna					6	6	1	1					14	2	5	1		64
Sanitary District No. 2, Tondo, Dr. V. Pantoja					18	29	5	6					58	16	24	3	1	268
Sanitary District No. 3, Quiapo, Dr. P. Gabriel	1				11	21	5	1					39	12	18	3	1	73
Sanitary District No. 4, Santa Cruz, Dr. C. Reyes					15	10	2	2	1				30	12	9	2	2	187
Sanitary District No. 5, Sampaloc, Dr. F. Castañeda					15	29	8	13					65	14	20	4	3	168
Sanitary District No. 6, Intramuros, Dr. R. Perramon					5	4	3	1					13	5	1		1	37
Sanitary District No. 7, Ermita, Paco, etc., Dr. J. B. Cabarrus					20	20	14	6					60	14	19	11	3	174
Total	1				90	119	38	30	1				279	75	96	24	11	971

Monthly Report of San Lazaro Hospital for February, 1904.

	Leper department.							Women's department.				
	Europeans.		Filipinos.		Chinese.		Total.	Americans.	Europeans.	Filipinos.	Japanese.	Total.
	M.	F.	M.	F.	M.	F.						
Number of patients in hospital at last report		1	121	84			206		4	46	29	79
Number of patients received during the month			6	1	1		8		1	40	51	92
Number of patients discharged cured									3	33	34	70
Number of deaths			1				1					
Number of patients escaped												
Number of patients remaining in hospital		1	126	85	1		213		2	53	46	101

Discharged cured, 1 European, 32 Filipinos, and 34 Japanese; discharged uncured to leave Islands, 2 Europeans; transferred to plague department, 1 Filipina; died, 1 Filipino.

Bilibid Prison Sick Report for the Month of February, 1904.

Diseases.	Total sick as per last report.	Taken since last report.	Died.	Discharged.	Total number sick this date.
Bronchitis, acute		1		1	
Burned foot		1		1	
Circumcision (operated)		1		1	
Compound comminuted fracture tibia	1				1
Constipation and tecal impaction		1		1	
Debility		2		2	
Dysentery, amœbic	1	11	2	7	3
Fever, malarial, intermittent		12		10	2
Fever, malarial, remittent		5		3	2
Lacerated wound of leg		1		1	
Orchitis		1		1	
Parenchymatous nephritis, chronic	2	1	3		
Pleural effusion on right side	1		1		
Pleurisy		1		1	
Pneumonia, lobar	5	13	7	6	5
Pregnancy, delivered		1		1	
Tuberculosis	7	12	9	1	9
Under observation	5	18		23	
Varicella	1			1	
Varioloid		1			1
Total	23	83	22	61	23

Convalescent, 17; disabled, 100; insane, 39. Total number prisoners, 4,095.

General Inspection of Houses, Premises, Vaults, etc., with Improvements Ordered, Disinfected, Whitewashed, Cleaned, etc., by Medical Inspectors, Chief Sanitary Inspectors, and Sanitary Inspectors, for the month of February, 1904.

1. Houses inspected by Chief Sanitary Inspector	1,836	26. Number of cholera cases reported by sanitary inspectors	0
2. Houses reinspected for verification of work ordered	602	27. Number of cholera cases reported by Auxiliary Advisory Board	0
3. Houses inspected by sanitary inspectors	28	28. Number of cholera cases found "alive"	1
4. Houses reinspected by sanitary inspectors	13	29. Number of cholera cases found "dead"	3
5. Houses ordered cleaned (written)	9	30. Number of orders issued during the month	87
6. Houses ordered cleaned (verbal)	155	31. Number of orders complied with during the month	134
7. Houses cleaned	137	32. Number of orders awaiting action	261
8. Houses ordered whitewashed and painted	3	33. Number of orders pending in court	9
9. Houses whitewashed and painted	15	34. Number of food tiendas in districts	1,123
10. Houses disinfected	106	35. Number of persons convicted for violation of food-prohibition order	0
11. Number of houses recommended condemned and removed	0	36. Average in visiting each street and barrio during month	4.5
12. Number of houses condemned and removed	0	37. Number of regular inspectors on duty	13
13. Number of localities where "squatters" are located	19	38. Number of emergency inspectors on duty	0
14. Number of samples of water from wells sent to Laboratory	0	39. Number of leper cases sent to San Lazaro Hospital	2
15. Number of reports from same	0	40. Number of plague cases reported	9
16. Number of fire plugs opened or closed for sanitary purposes	0	41. Number of smallpox cases reported	0
17. Number of hydrants recommended reopened	0	42. Houses in which traps are set	12,416
18. Number of houses where garbage has not been removed for two days	5	43. Houses in which bane is placed	925
19. Number of persons reported sick to municipal physicians	70	44. Traps set	27,635
20. Cesspools and vaults ordered cleaned	18	45. Plates with ratsbane placed	3,364
21. Cesspools cleaned	27	46. Rats caught by rat catchers	19,196
22. Yards ordered cleaned	71	47. Rats caught by traps	11,259
23. Yards cleaned	71	48. Rats caught by poison	0
24. Yards ordered repaired (repaved, etc.)	31	49. Rats purchased	203
25. Yards repaired	29	50. Rat catchers employed	73

Burials, February, 1904.

Cemeteries.	Number.
Loma (Government)	443
Paco (General Government)	26
Santa Cruz	5
Balic-balic	103
Binondo	25
Maytubig	36
Malate	31
Pandacan	29
Chinese	30
Crematory	1
Santa Ana	17
American National Cemetery	2
San Pedro Macati	1
Embalmed	3
Total	752

Disinterments, February, 1904.

Paco	5
Santa Cruz	6
Chinese	2
Total	13

Report of Crematories, February, 1904.

Disposition.	Crematories.			
	Palomar.	Paco.	Santa Cruz.	Total.
Animals cremated:				
American horses	2	16		18
American mules	2	3		5
Australian horses	3	1		4
China horses		1		1
China mules		2		2
Filipino ponies	6	86		92
Carabaos		30		30
Cows	7	33		40
Calves	8			8
Cats	102	21		123
Dogs	149	31		180
Domestic birds	5			5
Deer	1			1
Fowls	408	55		463
Goats		16		16
Pigs	32	22		54
Rats	13,207	2		13,209
Sheep	1	1		2
Total	13,933	320		14,253
Loads cremated:				
House garbage	2,422	1,402		3,824
Trade refuse	264	74		338
Organic matter	60			60
Waste	167	402		569
Market refuse	310	8		318
Condemned goods	89	9		98
Total	3,312	1,895		5,207

Report of Operations of the Pail Conservancy System for the Month of February, 1904.

Description.	New installations during month of February, 1904.		Total installations made prior to Feb. 29, 1904.		Pails removed and cleaned during the month.
	Installations.	Seats.	Installations.	Seats.	
Private houses	5	5	676	959	22,660
Public buildings	1	1	44	165	3,196
Public closets			11	170	8,908
Provisional collections[1]					3,466
Mariquina			132	200	5,700
Total	6	6	863	1,494	43,930

[1] Six in use.

Vaults cleaned by public excavators, 20.
Vaults cleaned by contractors, 188.
Contents removed from vaults by public excavators, 126,500 gallons.
Loads hauled by public excavators, 253.
Contents removed from vaults by contractors, 3,421 barrels.

Report of the Veterinary Division for the Board of Health for the Philippine Islands for the Month of February, 1904.

[DAVID G. MOBERLY, *Veterinary Surgeon in charge*, MURRAY J. MYERS, *Assistant Veterinary Surgeon*.]

On arrival in city:	
Number of cattle inspected	3,518
Number of carabaos inspected	63
Number of horses inspected	375
Number of hogs inspected	3,908
Number of sheep inspected	9
Number of goats inspected	47
Number of other animals inspected	12
Total	7,932
In Government abattoir:	
Number of cattle slaughtered	2,049
Number of hogs slaughtered	5,209
In Government abattoir—Continued:	
Number of sheep slaughtered	22
Total	7,280
Number of cattle condemned and cremated	6
Number of hogs condemned and cremated	22
Number of horses condemned for glanders	21
Number of horses condemned for surra	1
Number of carabaos condemned for surra	15
Number of other animals condemned	33
Total	98

Report of Disinfections for the Month of February, 1904.

Diseases.	Number of disinfections.	Number of contacts.	Diseases.	Number of disinfections.	Number of contacts.
Cholera	3	13	Surra		
Bubonic plague	9	61	Insanitary condition	29	
Glanders	15		Total	59	74
Lymphangitis	3				

Report of Action Taken on Licenses during the Month of February, 1904.

Business for the conduction of which license is desired.	License applications approved.	License applications disapproved.	Total applications acted on.	Applications awaiting action.	Business for the conduct of which license is desired.	License applications approved.	License applications disapproved.	Total applications acted on.	Applications awaiting action.
1. Bakery	7	1	8		12. Liquor, first-class	3		3	
2. Boarding house	1		1		13. Liquor, second-class	3		3	
3. Cleaning and dyeing	1		1		14. Lodging house	1		1	
4. Chocolate, make and sell	1		1		15. Milk, to sell	2		2	
5. Drug store	14		14		16. Products, native, to sell	1	2	3	
6. Distillery (perfumes)	2		2		17. Restaurant	14		14	
7. Dance hall	1		1		18. Sweetmeats, make and sell	7	1	8	
8. Food, native, make and sell	2		2		19. Soap, make and sell	5		5	
9. Fish, dry and sell	31	1	32		20. Wine, native	4	2	6	
10. Hotel	2		2						
11. Laundry	8		8		Total	110	7	117	

Reports Received of Lepers Living in the Various Provinces of the Philippine Islands to February 29, 1904.

Province.	Race.	Number of men.	Number of women.	Children.		Single.		Married.		Widower.	Widow.	Total.
				M.	F.	M.	F.	M.	F.			
Antique	Filipino	92	37	2	2	38	28	42	4	12	5	133
Batangas	do	19	5			13	2	3	3	3		24
Bataan	do	10	4	1	1	5		3	2	2	2	16
Benguet	Igorrote	31	10	1	1	1		21	10	9		43
Ambos Camarines	Filipino	33	17	1	1	24	12	8	5	1		52
Bulacán	do	17	9	2	1	12	6	5	3			29
Ilocos Norte	do	45	28	5	2	9	10	31	8	5	10	80
Ilocos Sur	do	176	84	4	2	101	50	61	22	14	12	266
Leyte	do	49	38	1	3	26	27	20	7	3	4	91
Masbate	do	51	35	25	10	22	15	27	15	2	5	121
Cagayan	do	57	42		3	25	11	25	28	7	3	102
Lepanto	do	14	4	1		5	1	8		1	3	19
Cavite	do	17	5		3	16	3	1			2	25
Nueva Ecija	do	44	24			19	12	23	7	2	5	68
Negros Occidental	do	26	11	5	1	17	10	8	1	1		43
Pampanga	do	8	5	2		3	1	5	3		1	15
Pangasinan	do	120	80	2	3	36	28	65	38	19	14	205
Rizal	do	41	24	2		17	14	21	7	3	3	67
Marinduque	do	1	1	1			1	1				3
Laguna	do	2	1					2	1			3
San Lazaro	do	105	77	22	9	72	42	24	19	9	16	213
Tarlac	do	27	24	11	4	7	9	18	10	2	5	66
Sorsogon	do	75	33	1	1	32	18	40	10	3	5	110
Romblon	do	13	14			5	9	8	4		1	27
Samar	do	39	32	13	8	15	11	21	18	3	3	92
Union	do	43	28	3		15	14	24	12	4	2	74
Zambales	do	58	35	2		30	15	24	15	4	5	95
Mindanao	Moro	140	74	3	3	86	44	45	18	9	12	220
Cebu	Filipino	171	89	5	4	136	64	32	22	3	3	269
Iloilo	do	231	66	11	2	113	37	94	9	24	20	310
Negros Oriental	do	66	42	6	2	27	23	32	14	7	5	116
Isabela de Luzon	do	18	4	1		3	1	10	3	5		23
Tayabas	do	1								1		1
Albay	do	68	33	1	1	30	18	27	10	11	5	103
Nueva Vizcaya	do	13	12	2		7	3	4	6	2	3	27
Abra	do	11	6			5	4	5	2	1		17
Bohol	do	46	46	5	1	20	19	23	21	3	6	98
Capiz	do	44	33	19	9	30	20	13	12	1	1	105
Surigao	do		1								1	1
Misamis	do	50	20	1		28	11	17	4	5	5	71
Total		2,072	1,133	161	77	1,050	593	841	373	181	167	3,443

Reports Received of Insane Persons Living in the Various Provinces of the Philippine Islands to February 29, 1904.

Province.	Race.	Males.	Females.	Widows.	Widowers.	Married.		Single.		Children.		Total.		Violent.	Not violent.	Cared for by friends.	Cared for by provinces.	Method of care by provinces.	Number without financial resources sufficient for support.	Number with financial resources sufficient for support.
						M.	F.	M.	F.	M.	F.	M.	F.							
Bataan	Filipino	11	10	4	1	5	3	4	3	1		11	10	5	16	21		None	13	8
Antique	do	29	24	2	2	4	1	23	7			29	24	3	50	53		do	32	21
Batangas	do	56	73	13	5	13	15	36	44	2	1	56	73	26	103	129		do	93	36
Bulacan	do	46	28	6		14	10	32	12			46	28	12	62	74		do	57	17
Iloilo	do	98	91	24	10	24	21	64	46			98	91	54	135	184	5	do	136	53
La Union	do	29	15	1	2	10	4	16	10	1		29	15	10	34	44		do		44
La Laguna	do	71	72	9	6	17	18	45	40	3	5	71	72	22	121	143		do	46	97
Mindoro	do	9	7	1		1	2	8	4			9	7	9	7	16		do	16	
Pampanga	do	29	28	3		7	8	22	17			29	28	3	54	57		do	34	23
Romblon	do	22	5	1	6	16	4					22	5	2	25	27		do		27
Tarlac	do	8	8	1		3	2	5	5			8	8	6	10	16		do	4	12
Tayabas	do	68	45	4	7	8	5	50	35	3	1	68	45	14	99	110	3	do	68	45
Ilocos Sur	do	89	86	8	6	22	20	61	56		2	89	86	43	132	175		do	138	37
Zambales	do	9	17	9		2	1	7	7			9	17	6	20	25	1	do	14	12
Pangasinan	do	93	86	15	16	26	22	45	44	6	5	93	86	18	161	179		do	88	91
Misamis	do	81	72	13	5	22	19	52	39	2	1	81	72	37	116	153		do	107	46
Total		748	667	114	66	194	169	470	369	18	15	748	667	270	1,145	1,406	9		846	569

Sanitary Engineer's Division—Number of Houses on which Work has been Completed in Accordance with Orders Issued from this Office during February, 1904.

San Nicolas	9
Tondo	5
Quiapo	9
Santa Cruz	7
Sampaloc	6
Intramuros	5
Ermita, Malate, Paco, etc	17
Total	58

Letters sent to property owners concerning faulty work done, and to sanitary stations requesting the issue of orders, 85.

Office of the Sanitary Engineer—Orders Issued and Complied with during the Month of February, 1904.

District.	Complied with.	Issued.
San Nicolas	12	40
Tondo	3	8
Quiapo	18	17
Santa Cruz	16	16
Sampaloc	3	27
Intramuros	5	21
Ermita	18	21
Total	75	150

Tabulated Statement of the Amount of Vaccine Virus Distributed by the Board of Health during the Month of February, 1904:

	Units.
United States Army	3,050
United States Public Health and Marine-Hospital Service	4,000
Inhabitants of the Philippine Islands (Manila not included)	168,800
Philippines Constabulary	200
Sold to the public	375
Used by public vaccinators and institutions in the city of Manila	16,435
Total	192,860

Report of Vaccination, City of Manila, During the Month of February, 1904.

Chief Vaccinator, SATURNINO ESPEJO.

Districts	Children.			Adults.			Total.			Grand total.
	Filipinos.	Chinese.	Americans and foreigners.	Filipinos.	Chinese.	Americans and foreigners.	Filipinos.	Chinese.	Americans and foreigners.	
Walled City	231			323	1	4	554	1	4	559
Binondo	137			434	116	7	571	116	7	694
San Nicolas	189	6		241	277		430	283		713
Tondo	477		1	117	35	12	594	35	13	642
Santa Cruz	236	1		285	102	4	521	103	4	628
Quiapo	123			166			289			289
San Miguel	151	1		148	64	7	299	65	7	371
Sampaloc	299		1	364	2	1	663	2	2	667
Paco	473		2	498			971		2	978
Ermita	121			174	20	5	295	20	5	320
Malate	149			150		12	299		12	311
Total	2,586	8	4	2,900	617	52	5,486	625	56	6,167

Bubonic Plague Report for Manila from February 1 to February 29, 1904.

	Cases.		Deaths.	
	M.	F.	M.	F.
Americans				
Europeans		1		
Filipinos	5	1	5	1
Chinese				
Total	5	2	5	1

	Cases.	Deaths.
San Nicolas	4	3
Tondo		
Quiapo		
Santa Cruz	3	3
Sampaloc		
Intramuros		
Ermita		
Total	7	6

	Cases.	Deaths.
1 year to 10 years	2	1
10 years to 20 years	4	4
20 years to 30 years		
30 years to 40 years		
40 years to 50 years		
50 years and above	1	1
Total	7	6

Number of cases found "alive"	3
Number of cases found "dead"	4
Total	7

Cholera Report for Manila from February 1 to February 29, 1904.

	Cases.		Deaths.	
	M.	F.	M.	F.
Americans				
Europeans				
Filipinos	3		3	
Chinese				
Total	3		3	

	C.	D.
San Nicolas	2	2
Tondo	1	1
Quiapo		
Santa Cruz		
Sampaloc		
Intramuros		
Ermita		
Total	3	3

	C.	D.
From 1 year to 10 years		
From 10 years to 20 years	1	1
From 20 years to 30 years	1	1
From 30 years to 40 years	1	1
From 40 years to 50 years		
From 50 years and above		
Total	3	3

Number of cases found "alive"	1
Number of cases found "dead"	2
Total	3

Epidemic of Cholera in the City of Manila and Provinces from March 20, 1902, to February 1, 1904.

Months.	Manila.		Provinces.	
	Cases.	Deaths.	Cases.	Deaths.
1902.				
March	108	90		
April	586	406	1,927	1,417
May	550	442	2,407	1,631
June	601	492	5,204	4,097
July	1,368	1,053	7,757	5,807
August	720	581	11,247	7,874
September	273	179	43,346	27,410
October	87	57	30,837	18,572
November	336	236	12,353	6,681
December	35	24	5,918	3,583
1903.				
January	7	4	4,921	2,757
February	2	1	2,997	2,009
March	6	6	1,903	1,124
1903.				
April	33	27	1,772	1,147
May	230	212	1,402	885
June	39	38	3,554	2,945
July	42	38	4,167	2,806
August	89	72	10,212	7,406
September	290	263	4,610	3,669
October	127	118	2,497	1,935
November	31	26	1,068	898
December	14	13	126	100
1904.				
January	4	5	339	253
Total	5,578	4,383	160,564	105,006

Report of Cholera Occurring in Provinces in the Philippine Islands from February 1 to February 29, 1904.

Provinces and places.	Cases.	Deaths.	Total.		
			Cases.	Deaths.	Per cent.
Iloilo:					
Iloilo	1	1	1	1	100
Negros Occidental:					
Cadiz	60	41	60	41	.68
Total			61	42	
Average					68.8

Bureau of Government Laboratories—Biological Laboratory Report, February, 1904.

	Positive.	Negative.	Total.
Gonococci	131	1,245	1,376
Miscellaneous:			
Colony count, city water			4
Eye for gonococci, etc	2		2
Bubonic plague	1	1	2
Disinfectant			1
Rats received			18,908
Examined for plague		312	312
Necropsies:			
Asiatic cholera	2		
Plague	5		
Others	31		

Station of Montalban, District of Mariquina, Rizal—Sanitary Report for the Month of February, 1904.

Houses inspected by the Chief Sanitary Inspector	1,212
Houses reinspected for verification of work ordered	340
Houses inspected by sanitary inspectors	7,972
Houses reinspected by sanitary inspectors	741
Houses ordered cleaned (verbal)	875
Houses cleaned	875
Number of persons reported sick by sanitary inspectors	50
Yards ordered cleaned	975
Yards cleaned	975
Number of emergency inspectors on duty	3
Number of leper cases in town	4

Station of San Mateo, District of Mariquina, Rizal—Sanitary Report for the Month of February, 1904.

Houses inspected by the Chief Sanitary Inspector	931
Houses reinspected for verification of work ordered	549
Houses inspected by sanitary inspectors	12,159
Houses reinspected by sanitary inspectors	1,524
Houses ordered cleaned (verbal)	563
Houses cleaned	458
Houses and barns disinfected	3
Number of persons reported sick by sanitary inspectors	34
Yards ordered cleaned	1,203
Yard cleaned	962
Number of persons convicted for violation of river prohibition order	4
Number of emergency inspectors on duty	6
Number of leper cases in town	3
Number of smallpox cases reported	1

Meteorological Data Deduced from Hourly Observations.

Date.	Barometer,[1] mean.		Temperature. Mean.		Temperature. Maximum.		Temperature. Minimum.		Relative humidity, mean.	Prevailing direction.	Wind. Total daily motion.		Wind. Maximum. Force.		Wind. Maximum. Direction.	Sunshine.	Rainfall.	
	Inches.	*mm.*	°*C.*	°*F.*	°*C.*	°*F.*	°*C.*	°*F.*	*Per ct.*		*Km.*	*Miles.*	*Km.*	*Miles.*		*h. m.*	*Inch.*	*mm.*
1	29.900	759.44	25.7	78.3	30.2	86.4	21.9	71.4	73.7	E., ENE.	214	133	23	14	E.	1-50	0.012	0.3
2	29.943	60.56	24.2	75.6	25.8	78.4	21.4	70.5	89.8	Variable.	76	47	6	4	NNE.	0-00	0.787	20.0
3	29.900	59.45	25.8	78.4	31.2	88.2	21.4	70.5	77.2	ENE., SE.	132	82	16	10	SE.	6-45		
4	29.885	59.08	25.3	77.5	31.0	87.8	20.4	68.7	76.8	ENE.	155	96	14	9	SE.	5-50		
5	29.898	59.40	25.1	77.2	31.2	88.2	19.5	67.1	74.8	ENE., ESE.	166	103	17	11	SE. by E.	8-10		
6	29.910	59.71	25.5	77.9	28.7	83.7	19.6	67.3	75.9	W.	86	53	8	5	WSW.	5-00		
7	29.890	59.19	26.5	79.7	32.3	90.1	21.7	71.1	75.2	ESE.	202	126	20	12	ESE.	9-45		
8	29.850	58.18	27.0	80.6	31.9	89.4	21.0	69.8	74.1	WSW.	234	145	22	14	N.	10-05		
9	29.884	59.06	24.5	76.1	28.8	83.8	21.7	71.1	84.4	N.	222	138	22	14	N.	0-25	0.154	3.9
10	29.964	61.09	24.6	76.3	28.5	83.3	19.2	66.6	72.9	ESE., N.	181	112	16	10	W.	6-50		
11	30.001	62.01	24.6	76.3	29.5	85.1	19.8	67.6	67.5	ESE.	130	81	14	9	E.	8-40		
12	29.976	61.39	23.9	75.0	29.2	84.6	17.3	63.1	72.4	W., NNE.	178	111	15	9	W.	8-35		
13	29.937	60.37	25.5	77.9	29.5	85.1	19.7	67.5	72.3	W.	152	94	14	9	WSW.	8-15		
14	29.940	60.46	26.2	79.2	31.3	88.3	19.9	67.8	72.4	Variable.	177	110	14	9	W.	6-05		
15	29.927	60.13	26.8	80.2	32.6	90.7	21.3	70.3	66.9	NE., N.	205	127	22	14	N.	9-30		
16	29.883	59.03	26.8	80.2	30.8	87.4	21.0	69.8	70.7	WSW.	148	92	14	9	NW.	7-45		
17	29.908	59.64	26.0	78.8	31.4	88.5	21.3	70.3	68.2	N., ENE.	238	148	24	15	NE. by E.	7-05		
18	29.941	60.47	25.0	77.0	30.0	86.0	19.3	66.7	64.0	N.	132	82	13	8	NNE.	6-05		
19	29.908	59.65	24.3	75.7	28.5	83.3	19.6	67.3	69.8	N.	156	97	18	11	N.	2-05		
20	29.872	58.72	24.8	76.6	28.0	82.4	20.6	69.1	75.5	N.	112	70	12	7	WSW.	1-00	0.059	1.5
21	29.843	58.00	25.4	77.7	32.5	90.5	19.4	66.9	77.6	SE.	180	112	22	14	SSE.	7-15		
22	29.891	59.22	26.6	79.9	32.7	90.9	19.4	66.9	69.7	SE.	168	104	22	14	SE.	9-35		
23	29.951	60.74	26.3	79.3	31.2	88.2	21.2	70.2	70.8	NE., WSW.	128	80	16	10	ENE.	4-20		
24	29.957	60.90	26.3	79.3	30.4	86.7	21.2	70.2	69.1	Variable.	166	103	18	11	NNE.	3-55		
25	29.911	59.73	26.2	79.2	30.7	87.3	19.8	67.6	73.4	Variable.	150	93	14	9	SW.	9-55	0.055	1.4
26	29.891	59.23	24.9	76.8	29.7	85.5	19.4	66.9	70.0	E.	173	108	19	12	W.	7-30		
27	29.901	59.47	23.7	74.7	30.5	86.9	16.3	61.3	65.0	E.	224	139	17	11	E. by S.	9-30		
28	29.904	59.54	24.1	75.4	30.3	86.5	16.9	62.4	67.4	SE.	194	121	20	12	SE.	9-55		
29	29.906	59.60	24.4	75.9	30.5	86.9	16.5	61.7	69.7	W.	194	121	16	10	W.	10-00		
Mean	29.913	759.77	25.4	77.7	30.3	86.6	19.9	67.9	72.7		168.0	104.4	16.8	10.6		6-37		
Total											4,873	3,028				191-40	1.067	27.1

[1] Corrected for instrumental error and for temperature and reduced to sea level. Correction to standard gravity, —1.72 mm. (—0.068 inch).

GENERAL LIBRARY
UNIV. OF MICH.
SEP 14 1904

MONTHLY REPORT

OF THE

Board of Health for the Philippine Islands

AND

CITY OF MANILA,

MARCH, 1904.

TO THE HON. DEAN C. WORCESTER, SECRETARY OF THE INTERIOR.

Maj. E. C. CARTER, M. D., U. S. Army,
Commissioner of Public Health.

Capt. E. L. MUNSON, A. M., M. D., U. S. Army,
Assistant to Commissioner of Public Health.

H. D. OSGOOD, B. S.,
Sanitary Engineer for the Philippine Islands.

T. R. MARSHALL, M. D.,
Chief Health Inspector.

P. C. FREER, M. D., Ph. D.,
Superintendent of Government Laboratories.

MANUEL GOMEZ MARTINEZ, M. D.,
Secretary Board of Health.

MANILA:
BUREAU OF PUBLIC PRINTING.
1904.

18168

LETTER OF TRANSMITTAL.

DEPARTMENT OF THE INTERIOR,
BOARD OF HEALTH FOR THE PHILIPPINE ISLANDS,
OFFICE OF THE COMMISSIONER,
Manila, April 27, 1904.

SIR: I have the honor to submit the report of the Board of Health for the Philippine Islands for the month of March, 1904:

The more important causes of deaths occurring in the population of Manila, with the number of deaths, were as follows:

Convulsions of children, 253; tuberculosis of lungs, 77; eclampsia, nonpuerperal, 41; other special diseases of early infancy, 6; acute bronchitis, 40; chronic bronchitis, 33; congenital debility, icterus, and sclerema, 29; chronic diarrhea and enteritis, 24; simple meningitis, 23; other diseases of the nervous system, 6; dysentery, 19; cerebral congestion and hemorrhage, 17; plague, 13; beri-beri, 13; typhoid fever, 11; senile debility, 11; organic disease of the heart, 9; pulmonary congestion and apoplexy, 6; diarrhea and enteritis under two years, 6; acute nephritis, 6; Bright's disease, 6; intermittent fever and malarial cachexia, 5; tuberculosis of larynx, 5; tetanus, 5; pneumonia, 5.

Of the above-mentioned causes and deaths the following occurred in infants prior to the completion of the first year of life;

Convulsions of children, 253; eclampsia, nonpuerperal, 41; acute bronchitis 32; chronic bronchitis, 23; congenital debility, 29; chronic diarrhea and enteritis, 13; simple meningitis, 15; other diseases of the nervous system, 6; diarrhea and enteritis, under two years, 6; other special diseases of early infancy, 1; pulmonary congestion and apoplexy, 4; tetanus, 3; dysentery, 1; acute nephritis, 1; pneumonia, 1.

Of the 751 deaths occurring among inhabitants of the city 429, or 57.1 per cent, occurred in children less than 12 months of age.

It will be observed that the infant mortality is high. The Board of Health has caused to be prepared and distributed Health Bulletin No. 3, entitled The Care of Infants. Copies printed in Spanish and in Tagalog have been circulated widely throughout the city, and it is believed that the information contained therein will be gratefully received by the majority of families and that it will result in a reduction of infant mortality, for which purpose it is intended.

There were no cases of cholera, and the condition in this respect was favorable enough to justify the Board of Health in passing a resolution on the 23d day of March to the effect that—

Whereas the last case of suspected Asiatic cholera occurred in the city of Manila on February 29, 1904, there having been but four positive or suspected cases of Asiatic cholera in the city of Manila since January 6, 1904; and whereas the provinces adjacent to Manila have been free from cholera during the present year; on motion,

Resolved, That the city of Manila is, and is hereby declared, free from the infection of Asiatic cholera.

There were 10 cases of smallpox, 1 American, 2 Chinese, and 7 Filipinos. Of this number only 1 died, a Filipino.

A total of 15 cases of plague, with 14 deaths, occurred during the month. Of these 12 occurred in Filipinos, of whom 12 died, and 3 among Chinese, of whom 2 died.

There were 19 deaths among the prisoners in Bilibid Prison, of which 7 occurred from lobar pneumonia, 5 from tuberculosis, and 4 from amœbic dysentery.

The annual birthrate for the city of Manila for the month of March was 34. 01 per thousand, but births are as yet incompletely reported.

In the work of sanitary inspections there were 5,302 inspections and reinspections of houses during the month, 329 houses were cleaned as a result of sanitary orders, 35 whitewashed or painted, and 95 disinfected.

A total of 669 yards were cleaned and placed in good sanitary condition. There were 32,409 rats destroyed in the prophylactic measures against plague. Two hundred and sixteen thousand seven hundred and sixty-five units of vaccine virus were issued, and 13,251 vaccinations were performed in the city of Manila.

During the month, Dr. Edward L. Munson, captain and assistant surgeon, U. S. A., who was detailed to this office as Assistant to the Commissioner of Public Health, prepared and put in operation a comprehensive and carefully prepared plan which has for its purpose the vaccination of all the inhabitants of the Philippine Islands. If the work as outlined is carried out it is hoped that smallpox will play little part in the reports of infectious diseases of the future.

A veterinary division was established which will have direct charge of all matters pertaining to veterinary medicine and surgery throughout the Philippine Islands. All veterinarians and inoculators employed by this Bureau have been assigned to duty in the veterinary division. Dr. John G. Slee, who is now on special duty in Shanghai, has been appointed Chief Veterinarian and Dr. David G. Moberly has been designated Acting Chief Veterinarian during the absence of Dr. Slee.

Very respectfully,

E. C. CARTER,
Major and Surgeon, U. S. A.,
Commissioner of Public Health.

The SECRETARY OF THE INTERIOR, *Manila, P. I.*

Population of Manila.

Americans	4,389
Filipinos	189,782
Spaniards	2,528
Other Europeans	1,117
Chinese	21,230
All others	895
Total	219,941

Deaths Occurring During the Month of March.

Americans	2
Filipinos	707
Spanish	4
Other Europeans	1
Chinese	36
All others	1
Total	751

Annual Death Rate per Thousand for the Month.

Americans	5.36
Filipinos	43.89
Spanish	18.63
Other Europeans	10.54
Chinese	19.97
All others	13.16
Average	40.23

Deaths by Age, including transients.

Under 30 days	86
30 days to 1 year	358
1 year to 2 years	25
2 years to 5 years	18
5 years to 10 years	11
10 years to 15 years	6
15 years to 20 years	28
20 years to 25 years	25
25 years to 30 years	35
30 years to 40 years	73
40 years to 50 years	34
50 years to 60 years	40
60 years to 70 years	25
70 years to 80 years	16
80 years to 90 years	4
90 years to 100 years	4
100 years and over	0
Unknown	4
Total	792

Stillbirths, 31.

Deaths by Districts, including transients.

District.	Deaths.	Population.	Rate per 1,000.
Walled City	52	11,463	53.44
Binondo	66	16,613	46.80
San Nicolas	71	29,059	28.78
Tondo	185	39,045	55.82
Santa Cruz	115	35,040	38.66
Quiapo	42	11,149	44.38
Sampaloc	81	18,779	50.82
San Miguel	31	8,838	41.32
Paco	31	6,725	54.31
Ermita	30	12,226	39.90
Malate	25	8,358	24.09
Pandacan	8	2,990	31.52
Santa Ana	12	3,255	43.43
Transient residents	41	15,901	30.37
Unknown	2		
Total	792		

Number of deaths with medical attendance	405
Number of deaths without medical attendance	387
Total	792

A Classified Report of all Deaths Occurring in Manila During the Month of March, 1904.

Males.

Married	92
Widowers	21
Single	63
Boys	270
Condition not stated in certificate	11
Total	457

Stillbirths, 31.

Females.

Married	52
Widows	34
Single	20
Girls	228
Condition not stated in certificate	1
Total	335
Grand total	792

Comparative Mortality from January 1, 1900, to March 31, 1904.

Month.	1900.		1901.		1902.		1903.		1904.	
	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.
January	[1]1,055	50.79	[1]753	36.25	[1]760	36.58	[1]602	28.89	[2]796	42.64
February	[1]884	47.11	[1]689	36.72	[1]706	37.63	[1]511	27.23	[2]709	40.59
March	[1]887	42.70	[1]885	42.66	[1]770	37.06	[1]539	25.94	[2]751	40.23
April	[1]805	40.04	[1]886	44.07	[1]1,327	66.01	[1]549	27.31		
May	[1]732	35.24	[1]903	43.47	[1]1,688	81.26	[1]770	37.06		
June	[1]599	29.79	[1]621	30.89	[1]1,418	70.54	[1]592	29.45		
July	[1]787	37.88	[1]608	29.27	[1]2,223	107.02	[2]620	33.21		
August	[1]825	39.71	[1]702	33.79	[1]1,712	82.42	[2]862	46.17		
September	[1]1,027	50.01	[1]767	38.15	[1]1,132	56.31	[2]1,228	67.97		
October	[1]961	46.23	[1]855	41.16	[1]927	44.62	[2]1,217	65.19		
November	[1]976	48.48	[1]848	42.18	[1]1,035	51.48	[2]974	53.91		
December	[1]905	43.54	[1]858	41.30	[1]753	36.25	[2]894	47.89		

[1] Death rate computed on population of 244,732 (Health Department's census).
[2] Death rate computed on population of 219,941 (census 1903).

CAUSES OF DEATHS FOR THE MONTH OF MARCH, 1904.

(STILLBIRTHS NOT INCLUDED.)

	Nomenclature Designed for the Statistics of Death.	Nomenclatura para las Estadísticas de Defunciones.	Americans.		Foreigners.		Filipinos.		Chinese.		Total.
			M.	F.	M.	F.	M.	F.	M.	F.	
	I. General Diseases.	**I. Enfermedades Generales.**									
1	Typhoid fever (abdominal typhus)	Fiebre tifoidea					5	6			11
2	Exanthematic typhus	Tifus exantemático									
3	Recurrent fever	Fiebre recurrente									
4	Intermittent fever and malarial cachexia	Fiebre intermitente					1	2	2		5
4a	Malarial cachexia	Caquexia palúdica						2	2		4
5	Variola	Viruelas					1				1
6	Measles	Sarampión									
7	Scarlatina	Escarlatina									
8	Whooping cough	Tos ferina									
9	Diphtheria and croup	Difteria y crup									
9a	Diphtheria	Difteria									
10	Grippe	Gripe						1			1
11	Miliary fever	Fiebre miliar									
12	Asiatic cholera	Cólera asiático									
13	Cholera nostras	Cólera nostras									
14	Dysentery	Disentería					8	5	6		19
14a	Epidemic dysentery	Disentería epidémica									
15	Plague	Peste					7	4	2		13
16	Yellow fever	Fiebre amarilla									
17	Leprosy	Lepra									
18	Erysipelas	Erisipelas						1			1
19	Other epidemic affections (beri-beri)	Otras afecciones epidémicas (Beri-beri)					7	2	4		13
20	Purulent infection and septicæmia	Infección purulenta y septicemia									
21	Glanders and farcy	Muermo y lamparones									
22	Malignant pustule and anthrax	Pústula maligna y antrax									
23	Rabies	Rabia									
24	Actinomycosis, trichinosis, etc	Actinomicosis, trichinosis, etc									
25	Pellagra	Pelagra									
26	Tuberculosis of larynx	Tuberculosis de la laringe					4	1			5
27	Tuberculosis of lungs	Tuberculosis del pulmón			2		41	27	7		77
28	Tuberculosis of meninges	Tuberculosis de las meninges					1				1
29	Tuberculosis of abdomen	Tuberculosis abdominal					3	1			4
30	Pott's disease	Mal de Pott									
31	Cold abscess and abscess by congestion	Abscesos fríos y por congestión									
32	White swellings	Tumores blancos									
33	Tuberculosis of other organs	Tuberculosis de otros órganos									
34	Generalized tuberculosis	Tuberculosis generalizada							1		1
35	Scrofula	Escrófula									
36	Syphilis	Sífilis							1		1
37	Gonorrhea of the adult	Blenorragia en los adultos									
38	Gonococcic infections of children	Afecciones gonocócicas en los niños									
39	Cancer and other malignant tumors of the buccal cavity.	Cáncer ú otros tumores malignos en la cavidad bucal									
40	Cancer and other malignant tumors of the stomach and liver.	Cáncer ú otros tumores malignos del estómago é hígado.						1			1
41	Cancer and other malignant tumors of peritoneum, intestines, and rectum.	Cáncer ú otros tumores malignos del peritoneo, intestinos y recto.									
42	Cancer and other malignant tumors of the female genitals.	Cáncer ú otros tumores malignos de los órganos genitales de la mujer.									
43	Cancer and other malignant tumors of the breast	Cáncer ú otros tumores malignos de la mama									
44	Cancer and other malignant tumors of the skin	Cáncer ú otros tumores malignos de la piel									
45	Cancer and other malignant tumors of other organs and organs not specified.	Cáncer ú otros tumores malignos en otros órganos						1	1		2
46	Other tumors (tumors of the female genitals excepted).	Otros tumores (exceptuándose los de los órganos genitales de la mujer.)									
47	Acute articular rheumatism	Reumatismo articular agudo									
48	Chronic rheumatism and gout	Reumatismo crónico y gota									
49	Scurvy	Escorbuto									
50	Diabetes	Diabetes									
51	Exophthalmic goiter	Bocio exoftálmico									
52	Addison's disease	Enfermedad bronceada de Addison									
53	Leukæmia	Leucemia									
54	Anæmia, chlorosis	Anemia, clorosis					1	2		1	4
55	Other general diseases	Otras enfermedades generales									
56	Acute alcoholism, or chronic	Alcoholismo agudo ó crónico									
57	Lead poisoning	Saturnismo									
58	Other poisonings incident to occupations	Otras intoxicaciones profesionales crónicas									
59	Other chronic poisonings	Otros envenenamientos crónicos									
	II. Diseases of the Nervous System and the Organs of Special Sense.	**II. Enfermedades del Sistema Nervioso y de los Órganos de los Sentidos.**									
60	Encephalitis	Encefalitis					1				1
61	Simple meningitis	Meningitis simple					16	7			23
61a	Epidemic cerebro-spinal meningitis	Meningitis cérebro-espinal epidémica									
62	Progressive locomotor ataxia	Ataxia locomotriz progresiva					1		1		2
63	Other diseases of the spinal cord	Otras enfermedades de la médula espinal									
64	Cerebral congestion and hemorrhage	Congestión y hemorragia cerebrales					11	6			17
65	Cerebral softening	Reblandecimiento cerebral									
66	Paralysis without apparent cause	Parálisis sin indicación de causa									
67	General paralysis	Parálisis generales					2				2

CAUSES OF DEATHS FOR THE MONTH OF MARCH, 1904—Continued.

	Nomenclature Designed for the Statistics of Death.	Nomenclatura para las Estadísticas de Defunciones.	Americans. M.	Americans. F.	Foreigners. M.	Foreigners. F.	Filipinos. M.	Filipinos. F.	Chinese. M.	Chinese. F.	Total.
	II.—Diseases of the Nervous System and the Organs of Special Sense—Continued.	**II.—Enfermedades del Sistema Nervioso y de los Órganos de los Sentidos**—Continuación.									
68	Other forms of insanity	Otras formas de alineación mental									
69	Epilepsy	Epilepsia					1				1
70	Eclampsia (nonpuerperal)	Eclampsia (no puerperal)					23	18			41
71	Convulsions of children	Convulsiones en los niños					129	124			253
72	Tetanus	Tétano					1	4			5
73	Chorea	Corea									
74	Other diseases of the nervous system	Otras enfermedades del sistema nervioso					2	4			6
75	Diseases of the eye and its adnexa	Enfermedades de ojos y sus anexos									
76	Diseases of the ear	Enfermedades de los oídos									
	III.	**III.**									
	Diseases of the Circulatory System.	**Enfermedades del Aparato Circulatorio.**									
77	Pericarditis	Pericarditis									
78	Acute endocarditis	Endocarditis aguda					2				2
79	Organic disease of the heart	Enfermedades orgánicas del corazón			1		2	4	2		9
80	Angina pectoris	Angina de pecho					2	1			3
81	Affections of the arteries (atheroma, aneurism, etc.)	Afecciones de las arterias, etc						5			5
82	Embolus and thrombosis	Embolia y trombosis									
83	Affections of the veins (varices, hemorrhoides, phlebitis)	Afecciones de las venas									
84	Affections of the lymphatic system (lymphangitis, etc.)	Afecciones del sistema linfático									
85	Hemorrhages	Hemorragias									
86	Other affections of the circulatory system	Otras afecciones del aparato circulatorio									
	IV.	**IV.**									
	Diseases of the Respiratory System.	**Enfermedades del Aparato Respiratorio.**									
87	Diseases of the nasal fossæ	Enfermedades de las fosas nasales									
88	Affections of the larynx	Afecciones de la laringe									
89	Affections of the thyroid body	Afecciones del cuerpo tiroideo									
90	Acute bronchitis	Bronquitis aguda	1				23	16			40
91	Chronic bronchitis	Bronquitis crónica					18	14	1		33
92	Broncho-pneumonia	Bronco-pneumonía					2	2			4
93	Pneumonia	Pneumonía					3	2			5
94	Pleurisy	Pleuresía									
95	Pulmonary congestion and apoplexy	Congestión apoplegía pulmonares					3	3			6
96	Gangrene of the lungs	Gangrena del pulmón									
97	Asthma	Asma						2			2
98	Pulmonary emphysema	Enfisema pulmonar									
99	Other diseases of the respiratory system (phthisis excepted).	Otras enfermedades del aparato respiratorio (exceptuándose la tísis).									
	V.	**V.**									
	Diseases of Digestive System.	**Enfermedades del Aparato Digestivo.**									
100	Affections of the mouth and its adnexa	Afecciones de la boca y de sus anexos					1				1
101	Affections of the pharynx	Afecciones de la faringe									
102	Affections of the esophagus	Afecciones del esófago									
103	Ulcer of the stomach	Ulcera del estómago									
104	Other affections of the stomach (cancer excepted)	Otras afecciones del estómago (exceptuándose el cáncer).					1	2			3
105	Diarrhea and enteritis (under 2 years)	Diarrea y enteritis (en niños menores de 2 años)					3	3			6
105a	Chronic diarrhea and enteritis	Diarrea y enteritis crónica					13	11			24
106	Diarrhea and enteritis (2 years and over)	Diarrea y enteritis (en niños de 2 ó más años)					2				2
107	Intestinal parasites	Parásitos intestinales					1				1
108	Hernias; intestinal obstructions	Hernias; obstrucciones intestinales					2				2
109	Other affections of the intestines	Otras afecciones del intestino									
110	Acute yellow atrophy of the liver	Ictericia grave	1				1		1		3
111	Hydatid tumors of the liver	Tumores hidátidicos del hígado									
112	Cirrhosis of the liver	Cirrosis del hígado					2				2
113	Biliary calculi	Cálculos biliares									
114	Other affections of the liver	Otras afecciones del hígado									
115	Affections of the spleen	Afecciones del bazo									
116	Simple peritonitis (puerperal excepted)	Peritonitis simple (exceptuándose la puerperal)						2			2
117	Other affections of the digestive system (cancer and tuberculosis excepted).	Otras afecciones del aparato digestivo (exceptuándose el cáncer y tuberculosis).					1				1
118	Appendicitis and abscess of the iliac fossa	Apendicitis y filimón de la fosa iliaca						1			1
	VI.	**VI.**									
	Diseases of the Genito-Urinary System and its Adnexa.	**Enfermedades del Aparato Génito Urinario y de sus Anexos.**									
119	Acute nephritis	Nefritis aguda					4	1	1		6
120	Bright's disease	Mal de bright				1	2	3			6
121	Other diseases of the kidneys and their adnexa	Otras enfermedades de los riñones y de sus anexos									
122	Calculi of the urinary tract	Cálculos de las vías urinarias									
123	Diseases of the bladder	Enfermedades de la vegiga									
124	Diseases of the urethra, urinary abscess, etc	Enfermedades de la uretra									
125	Diseases of the prostate	Enfermedades de la próstata									
126	Nonvenereal diseases of the male genital organs	Enfermedades no venereas de los órganos genitales del hombre.			1						1
127	Metritis	Metritis									
128	Uterine hemorrhage (nonpuerperal)	Hemorragia uterina (no puerperal)									
129	Tumor, uterine (noncancerous)	Tumor uterino (no canceroso)									
130	Other diseases of the uterus	Otras enfermedades del útero									
131	Cysts and other tumors of the ovary	Quistes y otros tumores del ovario									
132	Other diseases of the female genital organs	Otras enfermedades de los órganos genitales de la mujer.									
133	Nonpuerperal diseases of the breast (cancer excepted)	Enfermedades no puerperales de la mama (exceptuándose el cáncer).									

	Nomenclature Designed for the Statistics of Death.	Nomenclatura para las Estadísticas de Defunciones.	Americans. M.	Americans. F.	Foreigners. M.	Foreigners. F.	Filipinos. M.	Filipinos. F.	Chinese. M.	Chinese. F.	Total.
	VII.	**VII.**									
	The Puerperal State.	**Estado Puerperal.**									
134	Accidents of pregnancy	Accidentes de la preñez									
135	Puerperal hemorrhage	Hemorragia puerperal						2			2
136	Other accidents of labor	Otros accidentes del parto									
137	Puerperal septicæmia	Septicemia puerperal				1		2		1	4
138	Albuminuria and puerperal eclampsia	Albuminuria y eclampsia puerperales						2			2
139	Puerperal phlegmasia alba dolens	Flegmasia alba dolens puerperal									
140	Other puerperal accidents—sudden death	Otros accidentes puerperales—muerte repentina									
141	Puerperal diseases of the breast	Enfermedades puerperales de la mama									
	VIII.	**VIII.**									
	Diseases of the Skin and Cellular Tissue.	**Enfermedades de la Piel y del Tejido Celular.**									
142	Gangrene	Gangrena									
143	Furuncle	Forúnculo									
144	Warm-acute abscess	Abscesos calientes agudos									
145	Other diseases of the skin and its adnexa	Otras enfermedades de la piel									
	IX.	**IX.**									
	Diseases of the Organs of Locomotion.	**Enfermedades de los Órganos de la Locomoción.**									
146	Affections of the bones (nontuberculous)	Afecciones de los huesos (exceptuando la tuberculosis)									
147	Diseases of the joints (tuberculosis and rheumatism excepted).	Afecciones de las articulaciones (exceptuando la tuberculosis y el reumatismo).									
148	Amputation	Amputación									
149	Other affections of the organs of locomotion	Otras afecciones de los órganos de la locomoción									
	X.	**X.**									
	Malformations.	**Vicios de Conformación.**									
150	Congenital malformations (stillbirths excepted)	Vicios de conformación congénitos (exceptuándose los de niños nacidos muertos).									
	XI.	**XI.**									
	Early Infancy.	**Primera Infancia.**									
151	Congenital debility, icterus and sclerema	Debilidad congénita, ictericia y esclerema					18	11			29
152	Other special diseases of early infancy	Otras enfermedades especiales de la primera edad					2	4			6
153	Lack of care	Falta de cuidados									
	XII.	**XII.**									
	Old Age.	**Vejez.**									
154	Senile debility	Debilidad senil					4	7			11
	XIII.	**XIII.**									
	Affections Produced by External Causes.	**Afecciones Producidas por Causas Exteriores.**									
155	Suicide by poison	Suicidio por envenenamiento									
156	Suicide by asphyxia	Suicidio por asfixia									
157	Suicide by hanging or strangulation	Suicidio por suspensión ó por estrangulación									
158	Suicide by submersion	Suicidio por submersión									
159	Suicide by firearms	Suicidio por armas de fuego									
160	Suicide by cutting instruments	Suicidio por instrumentos cortantes									
161	Suicide by jumping from high place	Suicidio por dejarse caer desde un punto elevado									
162	Suicide by crushing	Suicidio por aplastamiento									
163	Other suicides	Otros suicidios									
164	Fractures	Fracturas									
165	Dislocations	Luxaciones									
166	Other accidental traumatisms	Otros traumatismos accidentales					1		1		2
167	Burns	Quemaduras por el fuego					1	1			2
168	Burning by corrosive substances	Quemaduras por substancias corrosivas									
169	Insolation	Insolación									
170	Freezing	Congelación									
171	Electrical shocks	Conmoción eléctrica									
172	Accidental submersion	Submersión accidental					2				2
173	Inanition	Inanición									
174	Inhalation of deleterious gases (suicide excepted)	Absorción de gases deletéreos									
175	Other acute poisonings	Otros envenenamientos agudos									
176	Other external violence	Otras violencias exteriores						1			1
	XIV.	**XIV.**									
	Ill-Defined Diseases.	**Enfermedades mal Definidas.**									
177	Dropsy	Hidropesía						1			1
178	Sudden death	Muerte repentina									
179	Unspecified or ill-defined causes of death	Causas de muerte no especificadas ó mal definidas					1	2	1		4
	Total		2		4	2	383	324	34	2	751
	Grand total		2		6		707		36		751

NUMBER OF DEATHS BY RACE, SEX, AND AGE.

CAUSE OF DEATH.	Less than one day to thirty days.								From thirty days to one year.								From one to five years.								From five to ten years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
I.																																
General Diseases.																																
1. Typhoid fever (abdominal typhus)																						1								1		
4. Intermittent fever and malarial cachexia																														1		
4a. Malarial cachexia																																
5. Variola																													1			
6. Measles																																
8. Whooping cough																																
9a. Diphtheria																																
10. Grippe																						1										
12. Cholera, Asiatic																																
14. Dysentery													1								1	1										
15. Plague																						1							1	3		
17. Leprosy																																
18. Erysipelas													1																			
19. Other epidemic affections (beri-beri)																																
20. Purulent infection and septicæmia																																
22. Malignant pustule and charbon (anthrax)																																
26. Tuberculosis of larynx																																
27. Tuberculosis of lungs																																
28. Tuberculosis of meninges																																
29. Tuberculosis, abdominal																													1			
31. Cold abscess, and abscess by congestion																																
32. White swelling																																
33. Tuberculosis of other organs																																
34. Generalized tuberculosis																																
35. Scrofula																																
36. Syphilis																																
39. Cancer and other malignant tumors of the buccal cavity																																
40. Cancer and other malignant tumors of the stomach and liver																																
42. Cancer and other malignant tumors of the female genitals																																
45. Cancer and other malignant tumors of other organs and organs not specified																																
47. Acute articular rheumatism																																
48. Chronic rheumatism and gout																																
49. Scurvy																																
50. Diabetes																																
54. Anæmia chlorosis													1																			
55. Other general diseases																																
56. Acute alcoholism or chronic																																
II.																																
Diseases of the Nervous System and the Organs of Special Sense.																																
60. Encephalitis													1																			
61. Meningitis, simple													11	4							4	1										
62. Progressive locomotor ataxia																																
63. Other diseases of the spinal cord																																
64. Cerebral congestion and hemorrhage						1							1									1										
67. General paralysis																																
68. Other forms of insanity																																
69. Epilepsy																																
70. Eclampsia (nonpuerperal)					13	5							10	13																		
71. Convulsions of children					10	18							223	107																		
72. Tetanus					1	1								1																		
74. Other diseases of the nervous system													2	5																		
III.																																
Diseases of the Circulatory System.																																
77. Pericarditis																																
78. Acute endocarditis																																
79. Organic disease of the heart																																
80. Angina pectoris																																
81. Affections of the arteries (atheroma, aneurism, etc.)																																
82. Embolus and thrombosis																																
85. Hemorrhages																																
86. Other affections of the circulatory system																																
IV.																																
Diseases of the Respiratory System.																																
90. Acute bronchitis					1				1				20	10							2	5								1		
91. Chronic bronchitis													14	9							2	2										
92. Broncho-pneumonia																					1									1		
93. Pneumonia													1																			
94. Pleurisy																																
95. Pulmonary congestion and apoplexy					3	1																										
97. Asthma																																
98. Pulmonary emphysema																																
V.																																
Diseases of the Digestive System.																																
100. Affections of the mouth and its adnexa																																
101. Affections of the pharynx																																

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	Less than one day to thirty days.				From thirty days to one year.				From one to five years.				From five to ten years.			
	A.	E.	F.	C.	A.	E.	F.	C.	A.	E.	F.	C.	A.	E.	F.	C.
	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.
V. Diseases of the Digestive System—Cont'd.																
104. Other affections of the stomach (cancer excepted)							1 1					1				
105. Diarrhea and enteritis (under 2 years)			3 3								5 3				1	
105a. Diarrhea and enteritis, chronic							6 7				1					
106. Diarrhea and enteritis (2 years and over)											1					
107. Intestinal parasites																
108. Hernias: Intestinal obstructions							1									
110. Acute yellow atrophy of the liver																
112. Cirrhosis of the liver																
114. Other affections of the liver																
116. Simple peritonitis (puerperal excepted)																
117. Other affections of the digestive system (cancer and tuberculosis excepted)																
118. Appendicitis and abscess of the iliac fossa																
VI. Diseases of the Genito-Urinary System and its Adnexa.																
119. Acute nephritis							1				2					
120. Bright's disease																
121. Other diseases of the kidneys and their adnexa																
125. Diseases of the prostate																
127. Metritis																
128. Uterine hemorrhage (nonpuerperal)																
133. Nonpuerperal diseases of the breast (cancer excepted)																
VII. The Puerperal State.																
135. Puerperal hemorrhage																
137. Puerperal septicæmia																
138. Albuminuria and puerperal eclampsia																
139. Puerperal phlegmasia—alba dolens																
140. Other puerperal accidents, sudden death																
VIII. Diseases of the Skin and Cellular Tissue.																
145. Other diseases of the skin and its adnexa																
IX. Diseases of the Organs of Locomotion.																
146. Affections of the bones (nontuberculous)																
X. Malformations.																
150. Congenital malformations (stillbirths excepted)																
XI. Early Infancy.																
151. Congenital debility, icterus, and sclerema			15 10				3 1				2 3					
152. Other special diseases of early infancy			1													
153. Lack of care																
XII. Old Age.																
154. Senile debility																
XIII. Affections Produced by External Causes.																
160. Suicide by cutting instruments																
164. Fractures																
166. Other accidental traumatisms																
167. Burns																
168. Burning by corrosive substances																
171. Electrical shocks											1					
172. Accidental submersion																
173. Inanition																
175. Other acute poisonings																
176. Other external violence																
XIV. Ill-Defined Diseases.																
177. Dropsy												1				
179. Unspecified or ill-defined causes of death								1								
Total			46 40		1		196 161				22 21				4 7	
Grand total			86		1		357				43				11	

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From ten to fifteen years.								From fifteen to twenty years.								From twenty to twenty-five years.								From twenty-five to thirty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
I.																																
General Diseases.																																
1. Typhoid fever (abdominal typhus)					1	1															1	1							1	2		
4. Intermittent fever and malarial cachexia															1												1			1	1	
4a. Malarial cachexia														1																		
5. Variola																																
8. Whooping cough																																
9a. Diphtheria																																
10. Grippe																																
12. Cholera, Asiatic																																
14. Dysentery						1															2								1	2	2	
15. Plague					1								2																2			
17. Leprosy																																
18. Erysipelas																																
19. Other epidemic affections (beri-beri)													3	1							3											
20. Purulent infection and septicæmia																																
22. Malignant pustule and charbon (anthrax)																																
26. Tuberculosis of larynx																																
27. Tuberculosis of lungs													5	1							7	2					1		6	3	1	
28. Tuberculosis of meninges													1																			
29. Tuberculosis, abdominal													2																			
31. Cold abscess and abscess by congestion																																
32. White swellings																																
33. Tuberculosis of other organs																																
34. Generalized tuberculosis																																
35. Scrofula																																
36. Syphilis																																
39. Cancer and other malignant tumors of the buccal cavity																																
40. Cancer and other malignant tumors of the stomach and liver																														1		
42. Cancer and other malignant tumors of the female genitals																																
45. Cancer and other malignant tumors of other organs and organs not specified																																
47. Acute articular rheumatism																																
48. Chronic rheumatism and gout																																
49. Scurvy																																
50. Diabetes																																
54. Anæmia chlorosis																																
55. Other general diseases																																
56. Acute alcoholism or chronic																																
II.																																
Diseases of the Nervous System and the Organs of Special Sense.																																
60. Encephalitis																																
61. Meningitis, simple													1	2																		
62. Progressive locomotor ataxia																																
63. Other diseases of the spinal cord																																
64. Cerebral congestion and hemorrhage																													1			
67. General paralysis																																
68. Other forms of insanity																														1		
69. Epilepsy																																
70. Eclampsia (nonpuerperal)																																
71. Convulsions of children																																
72. Tetanus																																
74. Other diseases of the nervous system																																
III.																																
Diseases of the Circulatory System.																																
77. Pericarditis																																
78. Acute endocarditis																																
79. Organic disease of the heart														1															1	1		
80. Angina pectoris																																
81. Affections of the arteries (atheroma, aneurism, etc.)																						1										
82. Embolus and thrombosis																																
85. Hemorrhages																																
86 Other affections of the circulatory system																																
IV.																																
Diseases of the Respiratory System.																																
90. Acute bronchitis																																
91. Chronic bronchitis																																
92. Broncho-pneumonia																																
93. Pneumonia													1								1	1										
94. Pleurisy																																
95 Pulmonary congestion and apoplexy																														1		
97. Asthma																																
98. Pulmonary emphysema																																
V.																																
Diseases of the Digestive System.																																
100. Affections of the mouth and its adnexa													1																			
101. Affections of the pharynx																																

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From ten to fifteen years.								From fifteen to twenty years.								From twenty to twenty-five years.								From twenty-five to thirty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
V. Diseases of the Digestive System—Cont'd.																																
104. Other affections of the stomach (cancer excepted)																																
105. Diarrhea and enteritis (under 2 years)																																
105a. Diarrhea and enteritis, chronic																																
106. Diarrhea and enteritis (2 years and over)																					1											
107. Intestinal parasites																																
108. Hernias: Intestinal obstructions																													1			
110. Acute yellow atrophy of the liver													1																			
112. Cirrhosis of the liver																					1											
114. Other affections of the liver																																
116. Simple peritonitis (puerperal excepted)																														1		
117. Other affections of the digestive system (cancer and tuberculosis excepted)																																
118. Appendicitis and abscess of the iliac fossa														1																		
VI. Diseases of the Genito-Urinary System and its Adnexa.																																
119. Acute nephritis							1							1															1			
120. Bright's disease																						1										
121. Other diseases of the kidneys and their adnexa																																
122. Calculi of the urinary tract																																
125. Diseases of the prostate																																
128. Uterine hemorrhage (nonpuerperal)																																
133. Nonpuerperal diseases of the breast (cancer excepted)																																
VII. The Puerperal State.																																
135. Puerperal hemorrhage														1																		
137. Puerperal septicæmia																								1						1		
138. Albuminuria and puerperal eclampsia																						1										
140. Other puerperal accidents, sudden death																																
VIII. Diseases of the Skin and Cellular Tissue.																																
145. Other diseases of the skin and its adnexa																																
IX. Diseases of the Organs of Locomotion.																																
146. Affections of the bones (nontuberculous)																																
X. Malformations.																																
150. Congenital malformations (stillbirths excepted)																																
XI. Early Infancy.																																
151. Congenital debility, icterus, and sclerema																																
152. Other special diseases of early infancy																																
153. Lack of care																																
XII. Old Age.																																
154. Senile debility																																
XIII. Affections Produced by External Causes.																																
164. Fractures																													1			
166. Other accidental traumatisms																																
167. Burns					1																											
168. Burning by corrosive substances																																
171. Electrical shocks													1																			
172. Accidental submersion																																
173. Inanition																																
175. Other acute poisonings																						1										
176. Other external violence																																
XIV. Ill-Defined Diseases.																																
177. Dropsy																																
179. Unspecified or ill-defined causes of death																																
Total					3	2	1						18	9	1						16	8	1				2		15	14	4	
Grand total					5		1						27		1						24		1				2		29		4	

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From thirty to thirty-five years.								From thirty-five to forty years.								From forty to forty-five years.								From forty-five to fifty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
I.																																
General Diseases.																																
1. Typhoid fever (abdominal typhus)													1																			
4. Intermittent fever and malarial cachexia													1																			
4a. Malarial cachexia							1																									
5. Variola																																
6. Measles																																
8. Whooping cough																																
9a. Diphtheria																																
10. Grippe																																
12. Cholera, Asiatic																																
14. Dysentery					1		1						1		2														1		1	
15. Plague					1		1						1																		1	
17. Leprosy																																
18. Erysipelas																																
19. Other epidemic affections (beri-beri)					1		1						2	1	1						1		1								1	
20. Purulent infection and septicæmia																																
22. Malignant pustule and charbon (anthrax)																																
26. Tuberculosis of larynx					1									1															1			
27. Tuberculosis of lungs			1		7	4	2						5	5	1						6	1	1						2	4	1	
28. Tuberculosis of meninges																																
29. Tuberculosis, abdominal														1																		
31. Cold abscess and abscess by congestion																																
32. White swellings																																
33. Tuberculosis of other organs																																
34. Generalized tuberculosis							1																									
35. Scrofula																																
36. Syphilis															1																	
39. Cancer and other malignant tumors of the buccal cavity																																
40. Cancer and other malignant tumors of the stomach and liver																																
42. Cancer and other malignant tumors of the female genitals																																
45. Cancer and other malignant tumors of other organs and organs not specified						1	1																									
47. Acute articular rheumatism																																
48. Chronic rheumatism and gout																																
49. Scurvy																																
50. Diabetes																																
54. Anæmia chlorosis								1																								
55. Other general diseases																																
56. Acute alcoholism or chronic																																
II.																																
Diseases of the Nervous System and the Organs of Special Sense.																																
60. Encephalitis																																
61. Meningitis, simple														1																		
62. Progressive locomotor ataxia																					1										1	
63. Other diseases of the spinal cord																																
64. Cerebral congestion and hemorrhage					1																											
67. General paralysis																																
68. Other forms of insanity																																
69. Epilepsy																																
70. Eclampsia (nonpuerperal)																																
71. Convulsions of children																																
72. Tetanus														2																		
74. Other diseases of the nervous system																																
III.																																
Diseases of the Circulatory System.																																
77. Pericarditis																																
78. Acute endocarditis													1																			
79. Organic disease of the heart	1						1												1			1	1									
80. Angina pectoris					1								1																	1		
81. Affections of the arteries (atheroma, aneurism, etc.)																																
82. Embolus and thrombosis																																
85. Hemorrhages																																
86. Other affections of the circulatory system																																
IV.																																
Diseases of the Respiratory System.																																
90. Acute bronchitis																																
91. Chronic bronchitis						1																										
92. Broncho-pneumonia																													1			
93. Pneumonia					3								1																			
94. Pleurisy																																
95. Pulmonary congestion and apoplexy																																
97. Asthma																																
98. Pulmonary emphysema																																

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From thirty to thirty-five years.								From thirty-five to forty years.								From forty to forty-five years.								From forty-five to fifty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
V. Diseases of the Digestive System.																																
103. Ulcer of the stomach																																
104. Other affections of the stomach (cancer excepted)																																
105. Diarrhea and enteritis (under 2 years)																																
105a. Diarrhea and enteritis, chronic																					1											
106. Diarrhea and enteritis (2 years and over)																																
107. Intestinal parasites																																
110. Acute yellow atrophy of the liver									1																							
112. Cirrhosis of the liver													1																			
113. Biliary calculi																																
114. Other affections of the liver																																
116. Simple peritonitis (puerperal excepted)																																
117. Other affections of the digestive system (cancer and tuberculosis excepted)																																
118. Appendicitis and abscess of the iliac fossa																																
VI. Diseases of the Genito-Urinary System and its Adnexa.																																
119. Acute nephritis																																
120. Bright's disease							1								1						1							1	1			
121. Other diseases of the kidneys and their adnexa																																
123. Diseases of the bladder																																
128. Uterine hemorrhage (nonpuerperal)																																
133. Nonpuerperal diseases of the breast (cancer excepted)																																
VII. The Puerperal State.																																
135. Puerperal hemorrhage						1																										
137. Puerperal septicæmia				1											1																	
138. Albuminuria and puerperal eclampsia						1																1										
140. Other puerperal accidents, sudden death																																
VIII. Diseases of the Skin and Cellular Tissue.																																
145. Other diseases of the skin and its adnexa																																
IX. Diseases of the Organs of Locomotion.																																
146. Affections of the bones (nontuberculous)																																
X. Malformations.																																
150. Congenital malformations (stillbirths excepted)																																
XI. Early Infancy.																																
151. Congenital debility, icterus, and sclerema																																
152. Other special diseases of early infancy																																
153. Lack of care																																
XII. Old Age.																																
154. Senile debility																																
XIII. Affections Produced by External Causes.																																
164. Fractures																																
166. Other accidental traumatisms					1																											
167. Burns																																
168. Burning by corrosive substances																																
172. Accidental submersion																																
173. Inanition																																
175. Other acute poisonings																																
176. Other external violence																																
XIV. Ill-Defined Diseases.																																
179. Unspecified or ill-defined causes of death																																
Total	1		1	1	17	8	10	1	1				15	13	5				1		10	3	3					1	6	5	5	
Grand total	1		2		25		11		1				28		5				1		13		3					1	11		5	

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From fifty upward.				Unknown.				Total.				Grand total.
	A.	E.	F.	C.	A.	E.	F.	C.	A.	E.	F.	C.	
	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	
I.													
General Diseases.													
1. Typhoid fever (abdominal typhus)			2								6 6		12
4. Intermittent fever and malarial cachexia			1 1							1	2 3	2	8
4a. Malarial cachexia			1 1								2 2		4
5. Variola											1		1
6. Measles													
8. Whooping cough													
9a. Diphtheria													
10. Grippe											1		1
12. Cholera, Asiatic													
14. Dysentery			3				1				11 5	6	22
15. Plague											8 4	2	14
17. Leprosy													
18. Erysipelas											1		1
19. Other epidemic affections (beri-beri)			1								11 2	4	17
20. Purulent infection and septicæmia													
22. Malignant pustule and charbon (anthrax)													
26. Tuberculosis of larynx			2								4 1		5
27. Tuberculosis of lungs			8 7	1						2	46 27	7	82
28 Tuberculosis of meninges											1		1
29. Tuberculosis, abdominal											3 1		4
31. Cold abscess, and abscess by congestion													
32. White swellings													
33. Tuberculosis of other organs													
34. Generalized tuberculosis												1	1
35. Scrofula													
36. Syphilis												1	1
39. Cancer and other malignant tumors of the buccal cavity													
40. Cancer and other malignant tumors of the stomach and liver											1		1
42. Cancer and other malignant tumors of the female genitals													
45. Cancer and other malignant tumors of other organs and organs not specified			1								1 1	1	3
47. Acute articular rheumatism													
48. Chronic rheumatism and gout													
49. Scurvy													
50. Diabetes													
54. Anæmia chlorosis				2							1 2	1	4
55. Other general diseases													
56. Acute alcoholism, or chronic													
II.													
Diseases of the Nervous System and the Organs of Special Sense.													
60. Encephalitis											1		1
61. Meningitis, simple											16 8		24
62. Progressive locomotor ataxia											1	1	2
63. Other diseases of the spinal cord													
64. Cerebral congestion and hemorrhage			8 4								11 6		17
67. General paralysis			2								2		2
68. Other forms of insanity											1		1
69. Epilepsy			1								1		1
70. Eclampsia (nonpuerperal)											23 18		41
71. Convulsions of children											133 125		258
72. Tetanus											1 4		5
74. Other diseases of the nervous system											2 5		7
III.													
Diseases of the Circulatory System.													
77. Pericarditis													
78. Acute endocarditis			1								2		2
79. Organic disease of the heart			1 2						1	1	2 5	2	11
80. Angina pectoris											2 1		3
81. Affections of the arteries (atheroma, aneurism, etc.)			1 4								1 5		6
82. Embolus and thrombosis													
85. Hemorrhages													
86. Other affections of the circulatory system													
IV.													
Diseases of the Respiratory System.													
90. Acute bronchitis									1		23 16		40
91. Chronic bronchitis			2 2	1							18 14	1	33
92. Broncho-pneumonia			1								2 2		4
93. Pneumonia			1 1								8 2		10
94. Pleurisy													
95. Pulmonary congestion and apoplexy			1								3 3		6
97. Asthma			1 2								1 2		3
98. Pulmonary emphysema													
V.													
Diseases of the Digestive System.													
100. Affections of the mouth and its adnexa											1		1
103. Ulcer of the stomach													
104. Other affections of the stomach (cancer excepted)											1 2		3
105. Diarrhea and enteritis (under 2 years)											3 3		6
105a. Diarrhea and enteritis, chronic			1								13 11		24
106. Diarrhea and enteritis (2 years and over)											2		2

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From fifty upward.								Unknown.								Total.								Grand total.
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
V. Diseases of the Digestive System—Continued.																									
107. Intestinal parasites																					1				1
108. Hernias: Intestinal obstructions																					2				2
110. Acute yellow atrophy of the liver							1										1				1		1		3
112. Cirrhosis of the liver						1															2	1			3
114. Other affections of the liver																									
116. Simple peritonitis (puerperal excepted)						1																2			2
117. Other affections of the digestive system (cancer and tuberculosis excepted)					1																1				1
118. Appendicitis and abscess of the iliac fossa																						1			1
VI. Diseases of the Genito-Urinary System and its Adnexa.																									
119. Acute nephritis						1															4	1	1		6
120. Bright's disease					1															1	3	3	1		8
121. Other diseases of the kidneys and their adnexa																									
122. Calculi of the urinary tract																									
125. Diseases of the prostate			1																1						1
128. Uterine hemorrhage (nonpuerperal)																									
133. Nonpuerperal diseases of the breast (cancer excepted)																									
VII. The Puerperal State.																									
135. Puerperal hemorrhage																						2			2
137. Puerperal septicæmia																				1		2		1	4
138. Albuminuria and puerperal eclampsia																						2			2
139. Puerperal phlegmasia alba dolens																									
140. Other puerperal accidents, sudden death																						1			1
VIII. Diseases of the Skin and Cellular Tissue.																									
145. Other diseases of the skin and its adnexa																									
IX. Diseases of the Organs of Locomotion.																									
146. Affections of the bones (nontuberculous)																									
X. Malformations.																									
150. Congenital malformations (stillbirths excepted)																									
XI. Early Infancy.																									
151. Congenital debility, icterus and sclerema																					18	11			29
152. Other special diseases of early infancy																					2	4			6
153. Lack of care																									
XII. Old Age.																									
154. Senile debility					5	7															5	7			12
XIII. Affections Produced by External Causes.																									
160. Suicide by cutting instruments																									
164. Fractures																									
166. Other accidental traumatisms															1						2		1		3
167. Burns							1														1	1			2
168. Burning by corrosive substances																									
171. Electrical shocks																									
172. Accidental submersion																					2				2
173. Inanition																									
174. Inhalation of deleterious gases (suicide excepted)																									
175. Other acute poisonings																									
176. Other external violence																						1			1
XIV. Ill-Defined Diseases.																									
177. Dropsy																						1			1
179. Unspecified or ill-defined causes of death							1						1		1						1	2	1		4
Total			1		43	41	4						2		2		3		5	2	413	332	35	2	792
Grand total			1		84		4						2		2		3		7		745		37		792

Number of Deaths, with Causes, Occurring Among Transients in Manila During the Month of March.

[These deaths are not included in preparing death rate of city.]

			Americans.		Foreigners.		Filipinos.		Chinese.		Total.
			M.	F.	M.	F.	M.	F.	M.	F.	
	I.	**I.**									
	General Diseases.	**Enfermedades Generales.**									
1	Typhoid fever (abdominal typhus)	Fiebre tifoidea (tifus abdominal)					1				1
4	Intermittent fever, and malaria cachexia	Fiebre intermitente, y pallidica caquexia			1		1	1			3
12	Cholera, Asiatic	Cólera asiático									
14	Dysentery	Disentería					3				3
15	Plague	Peste					1				1
19	Other epidemic affections (beri-beri)	Otras afecciones epidémicas (beri-beri)					4				4
20	Purulent infection and septicæmia	Infección purolenta y septicemia									
27	Tuberculosis of lungs	Tuberculosis pulmonar					5				5
29	Tuberculosis, abdominal	Tuberculosis abdominal									
33	Tuberculosis of other organs	Tuberculosis de otros órganos									
34	Generalized tuberculosis	Tuberculosis generalizada									
35	Scrofula	Escrófula									
45	Cancer and other malignant tumors of other organs and organs not specified.	Cancer y otros tumores malignos de otros organos y organos no especificados.					1				1
56	Acute alcoholism or chronic	Alcoholismo, agudo y crónico									
	II.	**II.**									
	Diseases of the Nervous System and the Organs of Special Sense.	**Enfermedades del Sistema Nervioso y Otros Organos de los Sentidos Especiales.**									
61	Meningitis, simple	Meningitis, simple						1			1
68	Other forms of insanity	Otra forma de alienación mental						1			1
71	Convulsions of children	Convulciones infantiles					4	1			5
74	Other diseases of the nervous system	Otras enfermedades del sistema nervioso						1			1
	III.	**III.**									
	Diseases of the Circulatory System.	**Enfermedades del Aparato Circulatorio.**									
78	Acute endocarditis	Endocarditis aguda									
79	Organic disease of the heart	Emfermedades orgánicas del corazón	1					1			2
81	Affections of the arteries (atheroma, aneurism, etc.)	Afección de las arterias (ateroma, aneurisma, etc.)					1				1
	IV.	**IV.**									
	Diseases of the Respiratory System.	**Enfermedades del Aparato Respiratorio.**									
98	Pneumonia	Neumonia					5				5
97	Asthma	Asma					1				1
	V.	**V.**									
	Diseases of Digestive System.	**Enfermedades del Aparato Digestivo.**									
112	Cirrhosis of the liver	Cirrosis del hígado						1			1
117	Other affections of the digestive system, cancer and tuberculosis excepted.	Otras afecciones del aparato digestivo exceptuando el cancer y la tuberculosis.									
	VI.	**VI.**									
	Diseases of the Genito-Urinary System and its Adnexa.	**Enfermedades del Aparato Génito Urinario y sus Anexos.**									
120	Bright's disease	Enfermedades de Bright					1		1		2
	VII.	**VII.**									
	The Puerperal State.	**Estado ó Periodo Puerperal.**									
140	Other puerperal accidents—sudden death	Otros accidentes puerperales—muerte repentina						1			1
	XII.	**XII.**									
	Old Age.	**Vejez.**									
154	Senile debility	Debilidad senil					1				1
	XIII.	**XIII.**									
	Affections Produced by External Causes.	**Afecciones Producidas por Causas Externas.**									
166	Other accidental traumatisms	Otros accidentes traumatismos					1				1
167	Burns	Quemadura, escaldo									
	Total		1		1		30	8	1		41

Bilibid Prison Report of Deaths Occurring in During the Month of March, 1904.

	Presidio, Filipinos.		Carcel.						Total.
			Americans.		Filipinos.		Chinese.		
	M.	F.	M.	F.	M.	F.	M.	F.	
Amœbic dysentery	3				1				4
Pulmonary tuberculosis	4				1				5
Carcinoma of the larynx					1				1
Paresis (apnea)					1				1
Lobar pneumonia	3				4				7
Chronic parenchymatous nephritis	1								1
Total	11				8				19

Condition:

Single	9
Married	8
Widower	1
Widow	1
Cemetery (Loma)	19

Of the total number of deaths occurring during the month of March, 1904, 792, including transients, 504 were of persons less than 16 years of age. Of the remaining 288 adults of both sexes only 183, classified below, had definite occupations:

Males:

Farmer	1
Laborers	37
Bakers	2
Clerks	15
Tailor	1
Barbers	2
Mason	1
Cooks	2
Chair maker	1
Shoemakers	4
Carpenters	5
Students	4
Opium dealer	1
Confectioner	1
Laundrymen	2
Merchants	6
Gate keeper	1
Real estate agent	1
Cigar makers	4
Sailors	4
Harness maker	1
Coachmen	6
Carriers	6
Servant	1
Gardener	1
Firemen	2
Grass dealer	1
Cigarette maker	1
Fontaneros	2
Lithographer	1
Silversmiths	2
Plumber	1
Messenger	1
Boatman	1
Surveyor	1
Machinists	2
Surgeon	1
Fisherman	1
Total	127

Females:

Seamstresses	17
Merchants	4
Laundry women	13
Cigar makers	9
Shopkeepers	7
Servants	2
Real estate owners	2
Beggar	1
Embroiderer	1
Total	56
Grand total	183

Deaths by Age and Occupations, March, 1904.

Occupation.	From 10 to 15 years.	From 15 to 20 years.	From 20 to 25 years.	From 25 to 30 years.	From 30 to 35 years.	From 35 to 40 years.	From 40 to 45 years.	From 45 to 50 years.	From 50 years upward.	Total.
MALES.										
Students	2	2								4
Merchants							1		5	6
Laborers		6	2	5	5	2	5	1	11	37
Bakers				1					1	2
Clerks			2	2	3	4		2	2	15
Tailors				1						1
Barbers				2						2
Mason					1					1
Cooks						2				2
Chair maker								1		1
Shoemakers				1	2		1			4
Carpenters					2	1			2	5
Opium dealer									1	1
Confectioner								1		1
Laundrymen						1			1	2
Gate keeper							1			1
Real estate agent								1		1
Cigar makers		1	2			1				4
Sailors		1	1	2						4
Harness maker							1			1
Coachmen			1	1	1	1		1	1	6
Carriers					1	1		1	3	6
Servants	1									1
Gardener					1					1
Firemen				1		1				2
Grass dealer		1								1
Cigarrette maker									1	1
Fontaneros					1	1				2
MALES—continued.										
Lithographer		1								1
Silversmiths									2	2
Plumber							1			1
Messenger									1	1
Boatmen		1								1
Surveyor					1					1
Machinists					1	1				2
Surgeon									1	1
Fisherman									1	1
Farmer					1					1
Total	3	13	8	16	20	16	10	8	33	127
FEMALES.										
Seamstresses		1	2	2	2	1		1	8	17
Merchants					3			1		4
Laundry women		1	1	2	2	4	1		2	13
Cigar makers	1	2		1	2		1	1	1	9
Shopkeepers			1	3		1			2	7
Servants			1	1						2
Real estate owners									2	2
Beggar									1	1
Embroiderer									1	1
Total	1	4	5	9	9	6	2	3	17	56
Grand total	4	17	13	25	29	22	12	11	50	183

Births Reported in March.[1]

	Male.	Female.	Total.
Americans	4	3	7
Filipinos	335	286	621
Spaniards	1	2	3
Other Europeans	1	1	2
Chinese	2		2
All others			
Total	343	292	635

[1] Incomplete.

Annual ~~Death~~ Birth Rate per Thousand for the Month.

Americans	18.79
Filipinos	38.55
Spanish	13.97
Other Europeans	21.09
Chinese	1.10
All others	0
Average	34.01

Report of Prescriptions Filled at the Municipal Dispensaries, Showing Districts, Sex, and Age of Persons to Whom Medicines Have Been Given During the Month of March, 1904.

Sanitary district.	Americans.				Foreigners.				Filipinos.				Chinese.				Total.
	Adults.		Children.		Adults.		Children.		Adults.		Children.		Adults.		Children.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
Station A, Sanitary District No. 1, San Nicolas									8	7	3						18
Station C, Sanitary District No. 2, Tondo									56	74	4	16					150
Station F, Sanitary District No 3, Quiapo									38	62	11	8					119
Station G, Sanitary District No. 4, Santa Cruz									12	23	5	3					43
Station I, Sanitary District No. 5, Sampaloc									94	48	23	5					170
Station J, Sanitary District No, 6, Intramuros									3	8		2					13
Station L, Sanitary District No. 7, Ermita, Malate, Paco, etc.									82	64	44	7					197
Total									293	286	90	41					710

Report of Sick and Wounded City Poor Attended by Municipal Physicians During the Month of March, 1904.

Sanitary districts and physicians.	Foreigners.				Filipinos.				Chinese.				Total.	Cured.		Deaths.		Number of visits.
	Adults.		Children.		Adults.		Children.		Adults.		Children.							
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.		M.	F.	M.	F.	
Sanitary District No. 1, San Nicolas, Dr. V. Cavanna					9	7	6	4					26	5	2	5	3	129
Sanitary District No. 2, Tondo, Dr. V. Pantoja					19	32	4	5					60	12	26	4	4	319
Sanitary District No. 3, Quiapo, Dr. P. Gabriel	1				8	19	3	4					35	8	17	2	4	85
Sanitary District No. 4, Santa Cruz, Dr. C. Reyes					10	10	3	1					24	9	5	1	2	74
Sanitary District No. 5, Sampaloc, Dr. F. Castañeda					22	24	11	8					65	11	20	6	2	152
Sanitary District No. 6, Intramuros (vacant)																		
Sanitary District No. 7, Ermita, Malate, etc., Dr. J. B. Cabarrus					23	19	11	6					59	19	15	10	7	172
Total	1				91	111	38	28					269	64	85	28	22	931

Monthly Report of San Lazaro Hospital, Women's and Leper Departments, for March, 1904.

	Leper department.							Women's department.				
	Europeans.		Filipinos.		Chinese.		Total.	Americans.	Europeans.	Filipinos.	Japanese.	Total.
	M.	F.	M.	F.	M.	F.						
Number of patients in hospital at last report		1	126	85	1		213		2	53	46	101
Number of patients received during the month			7	1			8		2	30	35	67
Number of patients discharged cured					[1]1		1		2	43	51	96
Number of deaths												
Number of patients escaped			1	1			2					
Number of patients remaining in hospital		1	132	85			218		2	40	30	72

[1] Turned over to Chinese consul to be sent to China, 1 male Chinese.

Escaped, 1 Filipino and 1 Filipina. Discharged cured, 42 Filipinas, 51 Japanese, and 2 Europeans. Transferred to San Juan de Dios Hospital, uncured 1 Filipina.

Bilibid Prison Sick Report for the Month of March, 1904.

Diseases.	Total sick as per last report.	Taken since last report.	Died.	Discharged.	Total number sick this date.
Carcinoma of the larynx		1	1		
Cellulitis of the hand		1		1	
Compound comminuted fracture tibia	1			1	
Dysentery, amœbic	3	7	2	7	1
Enteritis, acute		1	1		
Fever, malarial, intermittent	2	8		8	2
Fever, malarial, remittent	1	2		3	
Gastritis, chronic		1		1	
Gunshot wound of arm (operated)		1		1	
Intestinal parasitis		2		1	1
Malarial cachexia		3		3	
Darenchymatous nephritis, chronic		1	1		
Paresis (apnea)		1	1		
Peritonitis, acute		1		1	
Pneumonia lobar,	6	29	7	21	7
Retention of urine		2	1	1	
Sarcoma, gluted region (operated)		1		1	
Tuberculosis	9	11	5		15
Varioloid	1	1		2	
Insane					
Total	23	74	19	52	26

Convalescents, 19; disabled, 90; insane, 26. Total number prisoners, 4,307.

General Inspection of Houses, Premises, Vaults, etc., with Improvements Ordered, Disinfected, Whitewashed, Cleaned, etc., by Medical Inspectors, Chief Sanitary Inspectors, and Sanitary Inspectors, for the Month of March, 1904.

1. Houses inspected by Chief Sanitary Inspector	2,733
2. Houses reinspected for verification of work ordered	410
3. Houses inspected by sanitary inspectors	1,878
4. Houses reinspected by sanitary inspectors	281
5. Houses ordered cleaned (written)	1
6. Houses ordered cleaned (verbal)	337
7. Houses cleaned	329
8. Houses ordered whitewashed and painted	18
9. Houses whitewashed and painted	25
10. Houses disinfected	95
11. Number of houses recommended condemned and removed	0
12. Number of houses condemned and removed	23
13. Number of localities where "squatters" are located	21
14. Number of samples of water from wells sent to Laboratory	0
15. Number of reports from same	0
16. Number of fire plugs opened or closed for sanitary purposes	0
17. Number of hydrants recommended reopened	0
18. Number of houses where garbage has not been removed for two days	7
19. Number of persons reported sick to municipal physicians	150
20. Cesspools and vaults ordered cleaned	4
21. Cesspools cleaned	28
22. Yards ordered cleaned	669
23. Yards cleaned	669
24. Yards ordered repaired (repaved, etc.)	0
25. Yards repaired	21
26. Number of cholera cases reported by sanitary inspectors	0
27. Number of cholera cases reported by Auxiliary Advisory Board	0
28. Number of cholera cases found "alive"	0
29. Number of cholera cases found "dead"	0
30. Number of orders issued during the month	15
31. Number of orders complied with during the month	103
32. Number of orders awaiting action	102
33. Number of orders pending in court	0
34. Number of food tiendas in districts	1,257
35. Number of persons convicted for violation of food-prohibition order	0
36. Average in visiting each street and barrio during month	4.6
37. Number of regular inspectors on duty	12
38. Number of emergency inspectors on duty	0
39. Number of leper cases sent to San Lazaro Hospital	5
40. Number of plague cases reported	14
41. Number of smallpox cases reported	9
42. Houses in which traps are set	12,288
43. Houses in which bane is placed	268
44. Traps set	29,049
45. Plates with ratsbane placed	2,167
46. Rats caught by rat catchers	17,935
47. Rats caught by traps	14,086
48. Rats caught by poison	0
49. Rats purchased	388
50. Rat catchers employed	72

Burials, March, 1904.

Cemeteries.	Number.
Loma (Government)	517
Paco General (Government)	23
Santa Cruz	4
Binondo	11
Balic-balic	100
Tondo	
Maytubig	30
Malate	39
Pandacan	39
Santa Ana	18
Chinese	39
Crematory	
American National Cemetery	2
San Pedro Macati	1
Embalmed	
Total	823

Disinterments, March, 1904.

Paco Cemetery	6
Loma	0
Santa Cruz	7
Tondo	1
Sampaloc	2
Chinese Cemetery (for removal to China)	11
Total	27

Report of Operations of the Pail Conservancy System for the month of March, 1904.

	Pail service.		
	Installations.	Pails in use.	Pails cleaned.
Private houses	688	862	24,204
Public buildings	44	117	3,338
Public closets	11	483	9,670
Provisional collections, 7 in use		132	3,796
Mariquina	132	200	6,070
Total	875	1,794	47,078

	Odorless excavator service.		Night-soil contractors.	
	Vaults cleaned.	Loads removed.	Permits issued.	Barrels removed.
Private houses	13	33	190	2,171
Public buildings	14	234	[1] 30	[1] 300
Total	27	267	220	2,471

[1] Military buildings.

Monthly Report of Crematories for the Month of March, 1904.

Disposition.	Crematories.			
	Palomar.	Santa Cruz.	Paco.	Total.
Animals cremated:				
American horses	2	15	4	21
American mules	1	3		4
Australian horses	2	1	1	4
Chinese horses	3	2	2	7
Filipino horses	18	51	30	99
Carabaos	6	4	5	15
Cows	21	16	7	44
Calves	1	1		2
Dogs	247	6	6	259
Goats	2		3	5
Cats	74	6	6	86
Rats	17,126	9,883		27,009
Monkeys	3		2	5
Fowls	387	9	13	409
Domestic birds	5	2		7
Pigs	17	8	3	28
Ducks	24			24
Total	17,939	10,007	82	28,028
Loads cremated:				
House garbage	2,682	865	316	3,813
Trade refuse	369	36	16	421
Organic matter	61			61
Waste	218	21	106	345
Market refuse	349			349
Condemned goods	306	7		313
Total	3,935	929	438	5,302

Districts in which Vaults in Private Houses were Cleaned.

Districts:	Vaults.
Intramuros	16
Tondo	6
San Nicolas	45
Binondo	34
Santa Cruz	35
Quiapo	25
Sampaloc	5
San Miguel	3
Paco	9
Ermita	9
Malate	3
Total	190

Report of Action Taken on Licenses during the Month of March, 1904.

Business for which license is desired.	License applications approved.	License applications disapproved.	Total applications acted upon.	Applications awaiting action.	Business for which license is desired.	License applications approved.	License applications disapproved.	Total applications acted upon.	Applications awaiting action.
1. Aërated water	4		4		14. Lodging house	3		3	
2. Bakeries	4		4		15. Native products	1	1	2	
3. Boarding house					16. Restaurants	11		11	
4. Bronze ware		1	1		17. Roots and herbs	1		1	
5. Chocolate	9		9		18. Sauces	1		1	
6. Cleaning and dyeing	3		3		19. Soap	1		1	
7. Cooked food, native products	1	2	3		20. Sweetmeats	4		4	
8. Distilleries (spirits)	1		1		21. Tanneries	1		1	
9. Drug stores	11		11		22. Theaters	1		1	
10. Fish, dry and sell	1		1		23. Wine, native	1		1	
11. Laundries	12	1	13		24. Undertakers	2	1	3	
12. Liquor, first-class bar	1		1						
13. Liquor, first-class restaurant					Total	74	6	80	

Report of Disinfections for the Month of March, 1904.

Diseases.	Number of disinfections.	Number of contacts.	Diseases.	Number of disinfections.	Number of contacts.
Cholera	1	5	Surra	9	
Bubonic plague	14	67	Insanitary condition	33	
Smallpox	10	98			
Consumption	1		Total	73	170
Glanders	5				

Veterinary Division.

[DAVID G. MOBERLY, Acting Chief Veterinary Surgeon; MURRAY J. MYERS, Veterinary Surgeon.]

On arrival in city:

Number of cattle inspected	2,950
Number of carabaos inspected	57
Number of horses inspected	233
Number of hogs inspected	3,920
Number of goats inspected	79
Number of other animals inspected	6
Number of sheep inspected	11
Total	7,256

In Government abattoir:

Number of cattle slaughtered	2,001
Number of hogs slaughtered	4,952

In Government abattoir—Continued.

Number of sheep slaughtered	4
Number of goats slaughtered	1
Total	6,958
Number of cattle condemned	2
Number of hogs condemned	13
Number of horses condemned for surra	9
Number of horses condemned for glanders	15
Number of other animals condemned	25
Total	64

Reports Received of Insane Persons Living in the Various Provinces of the Philippine Islands to March 31, 1904.

Province.	Race.	Males.	Females.	Widows.	Widowers.	Married.		Single.		Children.		Total.		Violent.	Not violent.	Cared for by friends.	Cared for by provinces.	Method of care by provinces.	Number without financial resources sufficient for support.	Number with financial resources sufficient for support.
						M.	F.	M.	F.	M.	F.	M.	F.							
Bataan	Filipino	11	10	4	1	5	3	4	3	1		11	10	5	16	21		None	13	8
Antique	do	29	24	2	2	4	15	23	7			29	24	3	50	53		do	32	21
Batangas	do	56	73	13	5	13	15	36	44	2	1	56	73	26	103	129		do	93	36
Bulacan	do	46	28	6		14	10	32	12			46	28	12	62	74		do	57	17
Iloilo	do	98	91	24	10	24	21	64	46			98	91	54	135	184	5	do	136	53
La Union	do	29	15	1	2	10	4	16	10	1		29	15	10	34	44		do		44
La Laguna	do	71	72	9	6	17	18	45	40	3	5	71	72	22	121	143		do	46	97
Mindoro	do	9	7	1		1	2	8	4			9	7	9	7	16		do	16	
Pampanga	do	29	28	3		7	8	22	17			29	28	3	54	57		do	34	23
Romblon	do	22	5	1	6	16	4					22	5	2	25	27		do		27
Tarlac	do	8	8	1		3	2	5	5			8	8	6	10	16		do	4	12
Tayabas	do	112	83	8	8	11	8	89	66	4	1	112	83	26	169	192	3	do	81	114
Ilocos Sur	do	89	86	8	6	22	20	61	56		2	89	86	43	132	175		do	138	37
Zambales	do	9	17	9		2	1	7	7			9	17	6	20	25	1	do	14	12
Pangasinan	do	93	86	15	16	26	22	45	44	6	5	93	86	18	161	179		do	88	91
Misamis	do	81	72	13	5	22	19	52	39	2	1	81	72	37	116	153		do	107	46
Cavite	do	28	23	6	1	7	9	20	8			28	23	14	37	50	1	do	43	8
Capiz	do	36	36	7	5	13	11	18	17		1	36	36	16	56	66	6	do	52	20
Rizal	do	42	27	4	3	16	7	23	16			42	27	11	58	69		do	49	20
Masbate	do	17	19	3	1	4	4	12	11		1	17	19	3	33	36		do	12	24
Sorsogon	do	86	65	6	4	16	19	66	40			86	65	13	138	151		do	105	46
Ilocos Norte	do	53	44	11	2	14	12	36	21	1		53	44	22	75	96	1	do	79	18
Albay	do	69	86	8	6	12	22	47	54	4	2	69	86	22	133	153	2	do	67	88
Isabela	do	9	5	1		5	3	4	1			9	5	1	13	14		do	3	11
Total		1,132	1,010	164	89	284	259	735	568	24	19	1,132	1,010	384	1,758	2,123	19		1,269	873

Reports Received of Lepers Living in the Various Provinces of the Philippine Islands to March 31, 1904.

Province.	Race.	Number of men.	Number of women.	Children.		Single.		Married.		Widower.	Widow.	Total.
				M.	F.	M.	F.	M.	F.			
Antique	Filipino	92	37	2	2	38	28	42	4	12	5	133
Batangas	do	36	17			27	6	5	8	4	3	53
Bataan	do	10	4	1	1	5		3	2	2	2	16
Benguet	Igorrote	31	10	1	1	1		21	10	9		43
Ambos Camarines	Filipino	33	17	1	1	24	12	8	5	1		52
Bulacan	do	17	9	2	1	12	6	5	3			29
Ilocos Norte	do	45	28	5	2	9	10	31	8	5	10	80
Ilocos Sur	do	176	84	4	2	101	50	61	22	14	12	266
Leyte	do	49	38	1	3	26	27	20	7	3	4	91
Masbate	do	51	35	25	10	22	15	27	15	2	5	121
Cagayan	do	57	42		3	25	11	25	28	7	3	102
Lepanto	do	14	4	1		5	1	8		1	3	19
Cavite	do	17	5		3	16	3	1			2	25
Nueva Ecija	do	44	24			19	12	23	7	2	5	68
Negros Occidental	do	26	11	5	1	17	10	8	1	1		43
Pampanga	do	8	5	2		3	1	5	3		1	15
Pangasinan	do	120	80	2	3	36	28	65	38	19	14	205
Rizal	do	41	24	2		17	14	21	7	3	3	67
Marinduque	do	1	1	1			1	1				3
Laguna	do	28	9			10	5	13	2	5	2	37
San Lazaro[1]	do	109	77	23	9	73	42	25	19	11	16	218
Tarlac	do	27	24	11	4	7	9	18	10	2	5	66
Sorsogon	do	75	33	1	1	32	18	40	10	3	5	110
Romblon	do	13	14			5	9	8	4		1	27
Samar	do	39	32	13	8	15	11	21	18	3	3	92
Union	do	43	28	3		15	14	24	12	4	2	74
Zambales	do	58	35	2		30	15	24	15	4	5	95
Mindanao	Moro	140	74	3	3	86	44	45	18	9	12	220
Cebu	Filipino	171	89	5	4	136	64	32	22	3	3	269
Iloilo	do	231	66	11	2	113	37	94	9	24	20	310
Negros Oriental	do	66	42	6	2	27	23	32	14	7	5	116
Isabela de Luzon	do	18	4	1		3	1	10	3	5		23
Tayabas	do	1								1		1
Albay	do	68	33	1	1	30	18	27	10	11	5	103
Nueva Vizcaya	do	13	12	2		7	3	4	6	2	3	27
Abra	do	11	6			5	4	5	2	1		17
Bohol	do	46	46	5	1	20	19	23	21	3	6	98
Capiz	do	44	33	19	9	30	20	13	12	1	1	105
Surigao	do		1								1	1
Misamis	do	50	20	1		28	11	17	4	5	5	71
Total		2,119	1,153	162	77	1,075	602	855	379	189	172	3,511

[1] 1 female, European.

Sanitary Engineer's Division—Number of Houses on which Work has been Completed in Accordance with Orders Issued from this Office during March, 1904.

San Nicolas	18
Tondo	4
Quiapo	12
Santa Cruz	11
Sampaloc	7
Intramuros	2
Ermita, Malate, Paco, etc	7
Total	61
New orders issued during March, 1904	49
Letters sent to property owners concerning faulty work done and requesting work ordered to be completed at a certain date	58

Sanitary Engineer's Division—Sanitary Orders Issued and Complied with during the Month of March, 1904.

District.	Issued.	Complied with.
Station A, San Nicolas	2	15
Station C, Tondo		2
Station F, Quiapo	6	17
Station G, Santa Cruz		24
Station I, Sampaloc	5	3
Station J, Intramuros	3	11
Station L, Ermita	5	23
Total	21	95

Bureau of Government Laboratories.

REPORT OF VACCINE VIRUS ISSUED AND SOLD.

	Units.
Board of Health	213,400
Quarantine Service	2,000
Bilibid Prison	2,500
Philippines Constabulary	400
Civil Hospital	100
Police Department, Manila	1,005
Medical Supply Depot	2,830
Cavite Naval Station	50
Public sales	645
Total	222,930

Report of Vaccination, City of Manila, During the Month of March, 1904.

Chief Vaccinator, SATURNINO ESPEJO.

Districts.	Children.			Adults.			Total.			Grand total.
	Filipinos.	Chinese.	Americans and foreigners.	Filipinos.	Chinese.	Americans and foreigners.	Filipinos.	Chinese.	Americans and foreigners.	
Walled City	209		7	496	25	38	705	25	45	775
Binondo	353	18	1	303	278	6	656	296	7	959
San Nicolas	645	1	1	441	291		1,086	292	1	1,379
Tondo	1,199			1,266	58	14	2,465	58	14	2,537
Santa Cruz	267			355	149	52	622	149	52	823
Quiapo	433		1	170	9	27	603	9	28	640
San Miguel	192			221	3	13	413	3	13	429
Sampaloc	292		2	500	20	101	792	20	103	915
Paco	589		1	2,106	9	10	2,695	9	11	2,715
Ermita	285			264	23		549	23		572
Malate	398			185	3		583	3		586
Santa Ana	228			169	9	1	397	9	1	407
Pandacan	351			163			514			514
Total	5,441	19	13	6,639	877	262	12,080	896	275	13,251

Smallpox Report for Manila from March 1 to March 31, 1904.

	Cases.		Deaths.	
	M.	F.	M.	F.
Americans	1			
Europeans				
Filipinos	5	2	1	
Chinese	2			
Total	8	2	1	

	C.	D.
San Nicolas		
Tondo	3	
Quiapo	1	
Santa Cruz	2	1
Sampaloc	1	
Intramuros	3	
Ermita		
Total	10	1

	C.	D.
From 1 year to 5 years		
From 5 year to 10 years	1	1
From 10 years to 20 years	2	
From 20 years to 30 years	5	
From 30 years to 40 years	1	
From 40 years to 50 years	1	
From 50 years and above		
Total	10	1

Number of cases found "alive"	9
Number of cases found "dead"	1
Total	10

Bubonic Plague Report for Manila from March 1 to March 31, 1904.

	Cases.		Deaths.	
	M.	F.	M.	F.
Americans				
Europeans				
Filipinos	8	4	8	4
Chinese	3		2	
Total	11	4	10	4

	Cases.	Deaths.
San Nicolas	8	7
Tondo	2	2
Quiapo		
Santa Cruz	1	1
Sampaloc	1	1
Intramuros	1	1
Ermita	1	1
Malate	1	1
Total	15	14

	Cases.	Deaths.
From 1 year to 5 years	1	1
From 5 years to 10 years	4	4
From 10 years to 20 years	2	2
From 20 years to 30 years	4	3
From 30 years to 40 years	3	3
From 40 years to 50 years	1	1
From 50 years and above		
Total	15	14

Number of cases found "alive"	4
Number of cases found "dead"	11
Total	15

Report of Cholera Occurring in Provinces in the Philippine Islands During the Month of September, 1903.

Province.	Cases.	Deaths.	Per cent.	Province.	Cases.	Deaths.	Per cent.
Antique	277	197	71	Leyte	59	43	72
Bataan	43	31	72	Marinduque	373	373	100
Batangas	66	53	80	Misamis	141	83	58
Bohol	112	95	84	Negros Occidental	251	195	77
Bulacan	47	39	82	Nueva Ecija	58	53	91
Cagayan	70	55	70	Pangasinan	163	95	58
Capiz	47	38	60	Rizal	16	12	75
Cavite	17	12	70	Surigao	193	193	100
Cebu	2,221	1,773	79	Tarlac	66	39	59
Iloilo	257	194	75	Zambales	25	20	80
Ilocos Norte	7	14					
Isabela	30	18	60	Total	4,613	3,672	
La Laguna	74	47	73	Mortality per cent			79.5

Epidemic of Cholera in the City of Manila and Provinces from March 20, 1902, to March 1, 1904.

Months.	Manila.		Provinces.	
	Cases.	Deaths.	Cases.	Deaths.
1902.				
March	108	90		
April	586	406	1,927	1,417
May	550	442	2,407	1,631
June	601	492	5,204	4,097
July	1,368	1,053	7,757	5,807
August	720	581	11,247	7,874
September	273	179	43,346	27,410
October	87	57	30,837	18,572
November	336	236	12,353	6,681
December	35	24	5,918	3,583
1903.				
January	7	4	4,921	2,757
February	2	1	2,997	2,009
March	6	6	1,903	1,124
April	33	27	1,772	1,147
May	230	212	1,402	885
June	39	38	3,554	2,945
July	42	38	4,167	2,806
August	89	72	10,212	7,406
September	290	263	4,613	3,672
October	127	118	2,531	1,969
November	31	26	1,119	937
December	14	13	364	270
1904.				
January	4	5	35	24
February	3	3	61	42
Total	5,581	4,386	160,647	105,065

Owing to delay in the transmission of reports of cholera in the provinces, 326 cases and 246 deaths, occurring in September, October, November, and December of 1903, appeared in the monthly report as of January and March of 1904. The table of provincial cholera appearing in the February report has been corrected as above. This table is corrected to date and replaces all previous tables.

Report of Cholera Occurring in Provinces in the Philippine Islands.

MONTH OF OCTOBER, 1903.

Provinces and places.	Cases.	Deaths.	Total.		
			Cases.	Deaths.	Per cent.
Antique:					
Antique	15	9			
Barbara	5	5			
Barbosa	25	16	126	96	76
Culasi	12	2			
Pandan	65	60			
Tibiao	4	4			
Bataan:					
Balanga	32	23			
Dinalupijan	4	4			
Hermosa	2	1	143	90	62
Mabatan	3	3			
Orion	32	15			
Orani	70	44			
Batangas:					
Taal	11	11			
Talisay	4	4	18	18	100
Tanauan	3	3			
Bohol, Tagbilaran	65	40	65	40	61
Bulacan:					
Bocaue	11	7			
Bulacan	6	4			
Bigaa	5	4			
Malolos	2	1			
Paombong	1	1	40	30	75
Polo	5	3			
Quingua	2	2			
San Miguel	3	3			
Santa Maria	5	5			
Cagayan:					
Aparri	12	6			
Buguey	16	--------			
Camalaniugan	2	2	77	29	37
Mambajao	9	4			
Peña Blanca	1	1			
Tuguegarao	37	16			
Camarines, Nueva Caceres	--------	1	--------	1	
Capiz:					
Capiz	2	2			
Calibo	23	11	200	131	65
Dumarao	14	4			
Ibajay	161	114			
Cavite:					
Bacoor	8	8			
Dasmariñas	4	4	18	15	83
Naic	5	2			
San Roque	1	1			
Cebu:					
Aloguinsan	25	18			
Boljoon	82	82			
Bogo	65	45			
Borbon	60	42			
Balamban	65	65			
Badian	35	31			
Barili	5	4			
Carcar	550	474			
Cordoba	279	232			
Consolacion	1	1			
Danao	9	9			
Cebu—Continued.					
Guinatilan	1	1	1,300	1,111	85
Mandaue	2	2			
Manganilla	34	29			
Nueva Caceres	1	1			
Oslob	8	8			
Opon	1	1			
Samboan	15	15			
San Francisco	30	30			
Sogod	4	4			
Toledo	6	4			
Tabogon	20	11			
Tudela	2	2			
Iloilo, Iloilo	36	31	36	31	86
Ilocos Sur, Vigan	11	4	11	4	36
Isabela:					
Ilagan	17	5	20	8	40
Tumauini	3	3			
Laguna, Santa Cruz	3	2	3	2	66
Leyte:					
Bay-bay	5	5	25	15	60
Ormoc	20	10			
Nueva Ecija:					
Bongabong	10	6			
Cabanatuan	3	3			
San Antonio	2	2	31	20	64
San Juan de Guimba	7	3			
San Isidro	9	6			
Rizal:					
Montalban	5	4	8	5	62
San Mateo	3	1			
Surigao, Surigao	28	19	28	19	67
Tarlac:					
La Paz	8	8			
Pura	3	2			
Santa Ignacia	12	6	80	63	78
Tarlac	7	7			
Victoria	50	40			
Tayabas, Guinayangan	5	5	5	5	100
Union:					
Agoo	12	10	28	26	92
Santo Tomas	16	16			
Negros Occidental:					
Bacolod	30	30			
Binalbagan	50	38			
Ginigaran	94	75			
Pulupandan	14	4			
Sumag	13	11	248	198	79
San Carlos	11	10			
Saravia	16	16			
Talisay	6	4			
Victoria	14	10			
Zambales:					
Botolan	18	11	21	12	57
Subig	3	1			
Total	--------	--------	2,531	1,969	--------
Mortality, per cent	--------	--------	--------	--------	77.7

Report of Cholera Occurring in Provinces in the Philippine Islands—Continued.

MONTH OF NOVEMBER, 1903.

Provinces and places.	Cases.	Deaths.	Total. Cases.	Total. Deaths.	Total. Per cent.
Antique:					
Culasi	13	8	22	16	72
Pandan	9	8			
Bataan:					
Balanga	42	27	48	33	86
Mabatan	1	1			
Pilar	5	5			
Bohol, Tagbilaran	31	22	31	22	70
Bulacan:					
Bocaue	6	4	15	13	86
Bulacan	6	6			
Maycauayan	2	2			
Obando	1	1			
Camarines, Nueva Caceres	1	3	1	3	
Capiz, Dumarao	71	45	71	45	63
Cavite, Dasmariñas	8	5	8	5	62
Cebu:					
Alcoy	10	10	554	529	95
Alegria	118	111			
Aloguinsan	8	8			
Asturias	69	61			
Balamban	1	1			
Badian	99	99			
Borbon	1	1			
Carcar	29	23			
Cebu	1	1			
Compostela	66	66			
Catmon	15	11			
Dumanjug	5	5			
Guinatalin	24	24			
Oslob	1	1			
Ronda	19	19			
Santander	16	16			
San Francisco	1	1			
San Fernando	23	23			
Sogod	1	1			
Tuburan	7	7			
Tudela	40	40			
Ilocos Sur, Vigan	51	34	51	34	66
Iloilo, Iloilo	16	13	16	13	81
Nueva Ecija, San Isidro	2	1	2	1	50
Rizal:					
Mariquina	4	3	12	10	83
Montalban	3	3			
San Mateo	5	4			
Surigao, Surigao	3	3	3	3	100
Tarlac, Tarlac	46	36	46	36	78
Negros Occidental:					
Bacolod	98	52	239	174	72
Cadiz	15	7			
Ginigaran	27	16			
Panda	7	7			
Pulupandan	19	15			
Saravia	50	49			
Victoria	28	28			
Total			1,119	937	
Mortality, per cent					83.7

MONTH OF DECEMBER, 1903.

Provinces and places.	Cases.	Deaths.	Total. Cases.	Total. Deaths.	Total. Per cent.
Antique, Pandan	4	3	4	3	75
Bataan, Limay	2	1	2	1	50
Bohol, Tagbilaran	8	8	8	8	100
Bulacan:					
Polo	1	1	2	2	100
Bulacan	1	1			
Capiz, Dumarao		2		2	
Cavite, Dasmariñas	2	3	2	3	
Cebu:					
Alegria	6	5	7	6	85
Catmon	1	1			
Iloilo, Iloilo	15	14	15	14	93
Ilocos Sur, Vigan	1	1	1	1	100
Negros Occidental:					
Bacolod	41	35	301	214	71
Cadiz	161	101			
Ginigaran	5	1			
Manapla	82	73			
Pulupandan	9	1			
Saravia	3	3			
Nueva Ecija:					
Aliaga	1	1	13	9	69
Carangalan	1	1			
Zaragoza	11	7			
Rizal, San Mateo	1	1	1	1	100
Tarlac, Tarlac	8	6	8	6	75
Total			364	270	
Mortality, per cent					74.1

MONTH OF JANUARY, 1904.

Provinces and places.	Cases.	Deaths.	Total. Cases.	Total. Deaths.	Total. Per cent.
Nueva Ecija:					
Aliaga	23	14	28	19	67
San Jose	5	5			
Occidental Negros:					
Manapla	5	5	7	5	71
Pulupandan	2				
Total			35	24	
Mortality, per cent					68.5

MONTH OF FEBRUARY, 1904.

Provinces and places.	Cases.	Deaths.	Total. Cases.	Total. Deaths.	Total. Per cent.
Iloilo, Iloilo	1	1	1	1	100
West Negros, Cadiz	60	41	60	41	68
Total			61	42	
Mortality, per cent					68.8

MONTH OF MARCH, 1904.

Provinces and places.	Cases.	Deaths.	Total. Cases.	Total. Deaths.	Total. Per cent.
Capiz, Calivo	22	9	22	9	40
Cebu, Talisay	1	1	1	1	100
Total			23	10	
Mortality, per cent					43.4

District of Mariquina, Rizal.—Monthly Sanitary Report for March, 1904.

Houses inspected by the Chief Sanitary Inspector	976
Houses reinspected for verification of work ordered	387
Houses inspected by sanitary inspectors	32,285
Houses reinspected by sanitary inspectors	6,635
Houses ordered cleaned	1,192
Houses disinfected	25
Number of persons reported sick to municipal physicians	58
Yards ordered cleaned	1,318
Yards cleaned	1,247
Yards ordered repaired (repaved, etc.)	125
Yards repaired	125
Number of regular inspectors on duty	1
Number of emergency inspectors on duty	17
Number of leper cases in valley	5

Meteorological Data Deduced from Hourly Observations.

Date.	Barometer,[1] mean.		Temperature. Mean.		Temperature. Maximum.		Temperature. Minimum.		Relative humidity, mean.	Wind. Prevailing direction.	Wind. Total daily motion.		Wind. Maximum. Force.		Wind. Maximum. Direction.	Sunshine.	Rainfall.	
	Inches.	*mm.*	°*C.*	°*F.*	°*C.*	°*F.*	°*C.*	°*F.*	*Per ct.*		*Km.*	*Miles.*	*Km.*	*Miles.*		*h. m.*	*Inch.*	*mm.*
1	29.880	758.96	25.1	77.2	30.2	86.4	19.3	66.7	69.1	W.	190	118	14	9	W.	7–20		
2	29.892	59.25	25.6	78.1	30.8	87.4	20.4	68.7	66.4	WNW.	206	128	16	10	WNW.	10–05		
3	29.894	59.30	25.5	77.9	32.4	90.3	17.7	63.9	61.6	SE.	226	140	17	11	W.	9–35		
4	29.875	58.81	27.2	81.0	33.7	92.7	19.2	66.6	61.5	SSE.	266	165	23	14	SE.	10–15		
5	29.882	59.00	27.2	81.0	34.7	94.5	20.7	69.3	68.7	SE.	222	138	22	14	SE.	10–00		
6	29.925	60.08	26.9	80.4	34.3	93.7	21.7	71.1	69.5	SE.	250	155	24	15	SE. by E.	10–25		
7	29.990	61.73	26.5	79.7	34.4	93.9	19.4	66.9	60.9	SE.	270	168	23	14	ESE.	10–20		
8	29.986	61.62	26.3	79.3	33.4	92.1	19.6	67.3	63.7	SE.	277	172	23	14	SE.	8–40		
9	29.946	60.62	26.4	79.5	33.7	92.7	18.9	66.0	63.4	SE.	284	176	27	17	SSE.	10–30		
10	29.930	60.21	26.0	78.8	33.4	92.1	18.2	64.8	58.6	SE.-ESE.	264	164	22	14	SE.	10–00		
11	29.926	60.11	25.1	77.2	32.9	91.2	17.2	63.0	57.4	SE. by E.	244	152	22	14	SE.	10–15		
12	29.914	59.80	25.3	77.5	34.0	93.2	18.0	64.4	61.2	ESE.	286	178	30	19	SE.	9–35		
13	29.936	60.35	25.3	77.5	34.5	94.1	17.9	64.2	58.1	E.	250	155	22	14	E.	9–50		
14	29.924	60.06	26.6	79.9	34.6	94.3	18.9	66.0	59.5	E.	249	155	22	14	ESE.	8–10		
15	29.911	59.73	26.0	78.8	33.4	92.1	18.8	65.8	64.0	ESE.	232	144	21	13	E.	8–30		
16	29.873	58.76	25.9	78.6	31.9	89.4	18.6	65.5	70.0	ESE.	222	138	20	12	WNW.	7–35		
17	29.884	59.06	25.6	78.1	31.4	88.5	18.8	65.8	69.9	SSE.	228	142	17	11	W.	9–05		
18	29.889	59.18	25.7	78.3	32.2	90.0	18.7	65.7	70.6	SSE.	210	130	18	11	W.	9–15		
19	29.884	59.04	26.2	79.2	32.3	90.1	20.0	68.0	70.9	W.-SSE.	210	130	16	10	WNW.	7–35		
20	29.873	58.75	25.6	78.1	29.6	85.3	22.7	72.9	73.6	SE. by E.	198	123	16	10	SE. by E.	0–35	0.433	11.0
21	29.892	59.25	25.3	77.5	30.6	87.1	21.7	71.1	75.5	SE. by S.	155	96	14	9	SSE.	3–20		
22	29.918	59.89	25.6	78.1	31.8	89.2	22.1	71.8	71.8	SE.	152	94	12	7	SE.	2–30		
23	29.933	60.28	26.1	79.0	31.6	88.9	21.5	70.7	68.4	SE.-ESE.	186	116	22	14	E.	6–05		
24	29.914	59.80	25.8	78.4	31.7	89.1	20.7	69.3	73.1	NE.-ESE.	146	91	14	9	NW.	3–50	0.008	0.2
25	29.892	59.24	28.5	83.3	34.5	96.4	22.4	72.3	65.0	SE.-ESE.	303	188	24	15	SE.	9–30		
26	29.862	58.49	27.3	81.1	32.8	91.0	21.7	71.1	69.2	W.-SSE.	230	143	18	11	SSE.	8–05		
27	29.845	58.05	27.2	81.0	33.5	92.3	21.5	70.7	66.6	SSE.	221	137	16	10	WNW.	6–15		
28	29.887	59.13	27.0	80.6	34.2	93.6	19.3	66.7	63.5	SE.	322	200	30	19	SE. by E.	10–25		
29	29.919	59.93	26.5	79.7	34.7	94.5	18.8	65.8	64.6	SE.	314	195	29	18	SE.	10–35		
30	29.936	60.36	26.5	79.7	33.7	92.7	18.9	66.0	58.4	SE.	228	142	16	10	WNW.	8–30		
31	29.914	59.79	27.0	80.6	34.2	93.6	20.6	69.1	58.4	E.-SSE.	280	174	28	18	SE.	10–00		
Mean	29.907	759.63	26.2	79.2	32.9	91.4	19.8	67.7	65.6		236.2	146.7	20.6	12.9		8–17		
Total											7,321	4,547				256–40	0.441	11.2

[1] Corrected for instrumental error and for temperature and reduced to sea level. Correction to standard gravity, —1.72 mm. (—0.068 inch).

GENERAL LIBRA
UNIV. OF MIC
SEP 8 1904

MONTHLY REPORT

OF THE

Board of Health for the Philippine Islands

AND

CITY OF MANILA,

APRIL, 1904.

TO THE HON. DEAN C. WORCESTER, SECRETARY OF THE INTERIOR.

Maj. E. C. CARTER, M. D., U. S. Army,
Commissioner of Public Health.

Capt. E. L. MUNSON, A. M., M. D., U. S. Army,
Assistant to Commissioner of Public Health.

H. D. OSGOOD, B. S.,
Sanitary Engineer for the Philippine Islands.

T. R. MARSHALL, M. D.,
Chief Health Inspector.

P. C. FREER, M. D., Ph. D.,
Superintendent of Government Laboratories.

MANUEL GOMEZ MARTINEZ, M. D.,
Secretary Board of Health.

MANILA:
BUREAU OF PUBLIC PRINTING.
1904.

18606

LETTER OF TRANSMITTAL.

DEPARTMENT OF THE INTERIOR,
BOARD OF HEALTH FOR THE PHILIPPINE ISLANDS,
OFFICE OF THE COMMISSIONER,
Manila, May 24, 1904.

SIR: I have the honor to submit the report of the Board of Health for the Philippine Islands and the city of Manila for the month of April, 1904.

The principal causes of death in the city of Manila and the number of children who died before completing their first year are as follows:

Cause.	Total deaths.	Deaths under 1 year of age.
Convulsions of children	226	226
Pulmonary tuberculosis	82	
Chronic bronchitis	40	26
Acute bronchitis	35	29
Congenital debility	32	31
Eclampsia, nonpuerperal	31	31
Meningitis, simple	25	14
Diarrhea and enteritis, chronic	23	9
Beri-beri	22	
Pneumonia	19	1
Senile debility	18	
Tuberculosis of larynx	15	
Plague	15	
Dysentery	15	
Organic diseases of the heart	12	
Intermittent fever	10	
Tetanus	9	4
Diarrhea and enteritis, under 2 years	9	8
Typhoid fever	8	
Bright's disease	8	
Asthma	8	
Variola	6	1
Puerperal hemorrhage	7	
Cerebral congestion	7	
Other affections of the stomach (cancer excepted)	7	2
Angina pectoris	6	
Other diseases of infancy	5	3
Acute nephritis	5	1
Leprosy	5	

Forty-nine per cent of all the deaths in the city of Manila occurred in children under 1 year of age, as against 57 per cent for the month of March.

During the month there were 15 cases of plague, with 15 deaths. Of these cases 8 were Chinese and 7 Filipinos. In the prophylactic crusade against this disease 39,415 rats were caught, but of the relatively small number examined none was found to be infected.

The city and provinces have been practically free from cholera. The chief quarantine officer reported a death from this disease on board the steamship *Coptic*, but as the dead man, a Chinese employee, had not been in the city, the infection was easily traced to a foreign port.

The Board of Health on the 27th of April, after careful consideration, declared by resolution that—

Whereas cases of Asiatic cholera have occurred in but three provincial towns of the Philippine Islands since February 8, 1904; and,

Whereas only one case of Asiatic cholera has been reported as occurring at any place in the Philippine Islands since March 8, 1904; and,

Whereas the city of Manila was declared on March 23 to be free from the infection of Asiatic cholera: On motion,

Resolved, That the islands composing the Philippine Archipelago be, and are hereby declared to be, free from the infection of Asiatic cholera; and,

Be it further resolved, That the Commissioner of Public Health be directed to send a copy of these resolutions to the honorable the Secretary of the Interior, the Municipal Board, the United States Marine-Hospital Service, and the Collector of Customs.

One hundred and ninety-nine thousand one hundred and ten units of vaccine virus were issued by the Board of Health, of which 178,910 units were sent to the provinces. Ten thousand and fifty-seven vaccinations were performed in the city.

Eighteen cases of smallpox, with 7 deaths, occurred in Manila during the month.

The effort of the Board of Health to secure accurate statistics of the number of insane persons in the Islands has been continued, and thus far there are reported a total of 3,736—1,995 males and 1,741 females—of whom it is reported that 578 are violent, and 2,625 without means of support and dependent upon charity. One of the most pressing problems confronting the Board of Health at this time is the care of insane.

It is hoped that the leper colony at Culion will soon be in operation. Incomplete returns of lepers show 3,511 cases—2,281 males, 1,230 females.

The work of sanitary inspections by the municipal police has been put in operation. There were 10,414 houses and premises inspected, as against 5,302 for the month of March.

The birthrate in the city of Manila for the month was 30.99 per thousand as against 34.01 for the month of March, but the returns are still incomplete, notwithstanding the efforts that have been made by them to make them accurate and complete.

The Board of Health has been unfortunate in losing the services of Dr. E. L. Munson, captain and assistant surgeon, United States Army, who, as Assistant to the Commissioner of Public Health, rendered very faithful and efficient service to the cause of sanitation in the Philippine Islands. Captain Munson's health became impaired by overwork, and he found it necessary to return to the United States for treatment. He had to leave undone many things which he had planned, but the work that he accomplished and the influence which he exerted upon the cause of sanitation in the Philippine Islands will remain as permanent testimonials to his zeal and knowledge.

Very respectfully,

E. C. CARTER,
Major and Surgeon, United States Army,
Commissioner of Public Health.

The SECRETARY OF THE INTERIOR, *Manila, P. I.*

Population of Manila.

[Priliminary rough count of census of 1903.]

Americans	4,389
Filipinos	189,782
Spaniards	2,528
Other Europeans	1,117
Chinese	21,230
All others	895
Total	219,941

Deaths Occurring During the Month of April.

Americans	0
Filipinos	712
Spaniards	5
Other Europeans	1
Chinese	30
All others	0
Total	748

Annual Death Rate per Thousand for the Month.

Americans	0
Filipinos	45.03
Spaniards	24.08
Other Europeans	10.90
Chinese	17.20
All others	0
Average	41.40

Deaths by Age, including transients.

Under 30 days	81
30 days to 1 year	324
1 year to 2 years	25
2 years to 5 years	21
5 years to 10 years	12
10 years to 15 years	10
15 years to 20 years	22
20 years to 25 years	43
25 years to 30 years	49
30 years to 40 years	60
40 years to 50 years	53
50 years to 60 years	38
60 years to 70 years	30
70 years to 80 years	19
80 years to 90 years	7
90 years to 100 years	0
100 years and over	3
Unknown	0
Total	797

Stillbirths, 25.

Deaths by Districts, including transients.

District.	Deaths.	Population.	Rate per 1,000.
Walled City	46	11,463	53.44
Binondo	65	16,613	46.80
San Nicolas	49	29,059	28.78
Tondo	207	39,045	55.82
Santa Cruz	108	35,040	38.66
Quiapo	38	11,149	44.38
Sampaloc	104	18,779	50.82
San Miguel	26	8,838	41.32
Paco	25	6,725	54.31
Ermita	17	12,226	39.90
Malate	39	8,858	24.09
Pandacan	14	2,990	31.52
Santa Ana	10	3,255	43.43
Transient residents	49	15,901	30.37
Unknown			
Total	797	219,941	

A Classified Report of all Deaths Occurring in Manila During the Month of April, 1904.

Males.

Married	90
Widowers	22
Single	75
Boys	248
Condition not stated in certificate	9
Total	444

Stillbirths, 25.

Females.

Married	77
Widows	40
Single	20
Girls	214
Condition not stated in certificate	2
Total	353
Grand total	797

Number of deaths with medical attendance	433
Number of deaths without medical attendance	364
Total	797

Comparative Mortality from January 1, 1900, to April 30, 1904.

Month.	1900.		1901.		1902.		1903.		1904.	
	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.
January	[1] 1,055	50.79	[1] 753	36.25	[1] 760	36.58	[1] 602	28.98	[2] 796	42.64
February	[1] 884	47.11	[1] 689	36.72	[1] 706	37.63	[1] 511	27.23	[2] 709	40.59
March	[1] 887	42.70	[1] 885	42.66	[1] 770	37.06	[1] 539	25.94	[2] 751	40.23
April	[1] 805	40.04	[1] 886	44.07	[1] 1,327	66.01	[1] 549	27.31	[2] 748	41.40
May	[1] 732	35.24	[1] 903	43.47	[1] 1,688	81.26	[1] 770	37.06		
June	[1] 599	29.79	[1] 621	30.89	[1] 1,418	70.54	[1] 592	29.45		
July	[1] 787	37.88	[1] 608	29.27	[1] 2,223	107.02	[2] 620	33.21		
August	[1] 825	39.71	[1] 702	33.79	[1] 1,712	82.42	[2] 862	46.17		
September	[1] 1,027	50.01	[1] 767	38.15	[1] 1,132	56.31	[2] 1,228	67.97		
October	[1] 961	46.23	[1] 855	41.16	[1] 927	44.62	[2] 1,217	65.19		
November	[1] 976	48.48	[1] 848	42.18	[1] 1,035	51.48	[2] 974	53.91		
December	[1] 905	43.54	[1] 858	41.30	[1] 753	36.25	[2] 894	47.89		

[1] Death rate computed on population of 244,732 (Health Department's census).
[2] Death rate computed on population of 219,941 (census 1903).

CAUSES OF DEATHS FOR THE MONTH OF APRIL, 1904.

(STILLBIRTHS NOT INCLUDED.)

	Nomenclature Designed for the Statistics of Death.	Nomenclatura para las Estadísticas de Defunciones.	Americans.		Foreigners.		Filipinos.		Chinese.		Total.
			M.	F.	M.	F.	M.	F.	M.	F.	
	I. General Diseases.	**I. Enfermedades Generales.**									
1	Typhoid fever (abdominal typhus)	Fiebre tifoidea					6	2			8
2	Exanthematic typhus	Tifus exantemático									
3	Recurrent fever	Fiebre recurrente									
4	Intermittent fever and malarial cachexia	Fiebre intermitente					3	5	2		10
4a	Malarial cachexia	Caquexia palúdica					3				3
5	Variola	Viruelas			1		2	1	1		5
6	Measles	Sarampión						1			1
7	Scarlatina	Escarlatina									
8	Whooping cough	Tos ferina									
9	Diphtheria and croup	Difteria y crup									
9a	Diphtheria	Difteria									
10	Grippe	Gripe									
11	Miliary fever	Fiebre miliar									
12	Asiatic cholera	Cólera asiático									
13	Cholera nostras	Cólera nostras						1			1
14	Dysentery	Disentería					8	4	1		13
14a	Epidemic dysentery	Disentería epidémica									
15	Plague	Peste					4	2	9		15
16	Yellow fever	Fiebre amarilla									
17	Leprosy	Lepra					3	2			5
18	Erysipelas	Erisipelas									
19	Other epidemic affections (beri-beri)	Otras afecciones epidémicas (Beri-beri)					8	9	3		20
20	Purulent infection and septicæmia	Infección purulenta y septicemia					3				3
21	Glanders and farcy	Muermo y lamparones									
22	Malignant pustule and anthrax	Pústula maligna y antrax									
23	Rabies	Rabia					1				1
24	Actinomycosis, trichinosis, etc	Actinomicosis, trichinosis, etc									
25	Pellagra	Pelagra									
26	Tuberculosis of larynx	Tuberculosis de la laringe					8	7			15
27	Tuberculosis of lungs	Tuberculosis del pulmón					39	37	1		77
28	Tuberculosis of meninges	Tuberculosis de las meninges					2	1			3
29	Tuberculosis of abdomen	Tuberculosis abdominal					1			1	2
30	Pott's disease	Mal de Pott						1			1
31	Cold abscess and abscess by congestion	Abscesos fríos y por congestión									
32	White swellings	Tumores blancos									
33	Tuberculosis of other organs	Tuberculosis de otros órganos									
34	Generalized tuberculosis	Tuberculosis generalizada					1	1			2
35	Scrofula	Escrófula									
36	Syphilis	Sífilis					1		1		2
37	Gonorrhea of the adult	Blenorragia en los adultos									
38	Gonococcic infections of children	Afecciones gonocócicas en los niños									
39	Cancer and other malignant tumors of the buccal cavity.	Cáncer ú otros tumores malignos en la cavidad bucal									
40	Cancer and other malignant tumors of the stomach and liver.	Cáncer ú otros tumores malignos del estómago é hígado.						1			1
41	Cancer and other malignant tumors of peritoneum, intestines, and rectum.	Cáncer ú otros tumores malignos del peritoneo, intestinos y recto.									
42	Cancer and other malignant tumors of the female genitals.	Cáncer ú otros tumores malignos de los órganos genitales de la mujer.									
43	Cancer and other malignant tumors of the breast	Cáncer ú otros tumores malignos de la mama						1			1
44	Cancer and other malignant tumors of the skin	Cáncer ú otros tumores malignos de la piel									
45	Cancer and other malignant tumors of other organs and organs not specified.	Cáncer ú otros tumores malignos en otros órganos									
46	Other tumors (tumors of the female genitals excepted).	Otros tumores (exceptuándose los de los órganos genitales de la mujer.)									
47	Acute articular rheumatism	Reumatismo articular agudo					1				1
48	Chronic rheumatism and gout	Reumatismo crónico y gota					1				1
49	Scurvy	Escorbuto									
50	Diabetes	Diabetes									
51	Exophthalmic goiter	Bocio exoftálmico									
52	Addison's disease	Enfermedad bronceada de Addison									
53	Leukæmia	Leucemia									
54	Anæmia, chlorosis	Anemia, clorosis									
55	Other general diseases	Otras enfermedades generales									
56	Acute alcoholism, or chronic	Alcoholismo agudo ó crónico									
57	Lead poisoning	Saturnismo									
58	Other poisonings incident to occupations	Otras intoxicaciones profesionales crónicas									
59	Other chronic poisonings	Otros envenenamientos crónicos									
	II. Diseases of the Nervous System and the Organs of Special Sense.	**II. Enfermedades del Sistema Nervioso y de los Órganos de los Sentidos.**									
60	Encephalitis	Encefalitis									
61	Simple meningitis	Meningitis simple				1	13	8			22
61a	Epidemic cerebro-spinal meningitis	Meningitis cérebro-espinal epidémica									
62	Progressive locomotor ataxia	Ataxia locomotriz progresiva									
63	Other diseases of the spinal cord	Otras enfermedades de la médula espinal						1			1
64	Cerebral congestion and hemorrhage	Congestión y hemorragia cerebrales					3	4			7
65	Cerebral softening	Reblandecimiento cerebral									
66	Paralysis without apparent cause	Parálisis sin indicación de causa						1			1
67	General paralysis	Parálisis generales						1	1		2

CAUSES OF DEATHS FOR THE MONTH OF APRIL, 1904—Continued.

	Nomenclature Designed for the Statistics of Death.	Nomenclatura para las Estadísticas de Defunciones.	Americans. M.	Americans. F.	Foreigners. M.	Foreigners. F.	Filipinos. M.	Filipinos. F.	Chinese. M.	Chinese. F.	Total.
	II.—Diseases of the Nervous System and the Organs of Special Sense—Continued.	**II.—Enfermedades del Sistema Nervioso y de los Órganos de los Sentidos**—Continuación.									
68	Other forms of insanity	Otras formas de alineación mental						1			1
69	Epilepsy	Epilepsia						1			1
70	Eclampsia (nonpuerperal)	Eclampsia (no puerperal)					14	17			31
71	Convulsions of children	Convulsiones en los niños					126	94		2	222
72	Tetanus	Tétano					4	4			8
73	Chorea	Corea									
74	Other diseases of the nervous system	Otras enfermedades del sistema nervioso					1	2			3
75	Diseases of the eye and its adnexa	Enfermedades de ojos y sus anexos									
76	Diseases of the ear	Enfermedades de los oídos									
	III.	**III.**									
	Diseases of the Circulatory System.	**Enfermedades del Aparato Circulatorio.**									
77	Pericarditis	Pericarditis									
78	Acute endocarditis	Endocarditis aguda				1	2				3
79	Organic disease of the heart	Enfermedades orgánicas del corazón					5	2	5		12
80	Angina pectoris	Angina de pecho					2	4			6
81	Affections of the arteries (atheroma, aneurism, etc.)	Afecciones de las arterias, etc					3				3
82	Embolus and thrombosis	Embolia y trombosis									
83	Affections of the veins (varices, hemorrhoides, phlebitis)	Afecciones de las venas									
84	Affections of the lymphatic system (lymphangitis, etc.)	Afecciones del sistema linfático									
85	Hemorrhages	Hemorragias									
86	Other affections of the circulatory system	Otras afecciones del aparato circulatorio									
	IV.	**IV.**									
	Diseases of the Respiratory System.	**Enfermedades del Aparato Respiratorio.**									
87	Diseases of the nasal fossæ	Enfermedades de las fosas nasales									
88	Affections of the larynx	Afecciones de la laringe						2			2
89	Affections of the thyroid body	Afecciones del cuerpo tiroideo									
90	Acute bronchitis	Bronquitis aguda					18	17			35
91	Chronic bronchitis	Bronquitis crónica					23	16	1		40
92	Broncho-pneumonia	Bronco-pneumonia						1			1
93	Pneumonia	Pneumonia					7	2			9
94	Pleurisy	Pleuresía					1	1			2
95	Pulmonary congestion and apoplexy	Congestión apoplegía pulmonares				1		2			3
96	Gangrene of the lungs	Gangrena del pulmón									
97	Asthma	Asma					3	5			8
98	Pulmonary emphysema	Enfisema pulmonar									
99	Other diseases of the respiratory system (phthisis excepted).	Otras enfermedades del aparato respiratorio (exceptuándose la tisis).									
	V.	**V.**									
	Diseases of Digestive System.	**Enfermedades del Aparato Digestivo.**									
100	Affections of the mouth and its adnexa	Afecciones de la boca y de sus anexos									
101	Affections of the pharynx	Afecciones de la faringe									
102	Affections of the esophagus	Afecciones del esófago									
103	Ulcer of the stomach	Ulcera del estómago					1				1
104	Other affections of the stomach (cancer excepted)	Otras afecciones del estómago (exceptuándose el cáncer).			1		2	3			6
105	Diarrhea and enteritis (under 2 years)	Diarrea y enteritis (en niños menores de 2 años)					4	4	1		9
105a	Chronic diarrhea and enteritis	Diarrea y enteritis crónica					12	11			23
106	Diarrhea and enteritis (2 years and over)	Diarrea y enteritis (en niños de 2 ó más años)						1			1
107	Intestinal parasites	Parásitos intestinales									
108	Hernias; intestinal obstructions	Hernias; obstrucciones intestinales					1				1
109	Other affections of the intestines	Otras afecciones del intestino									
110	Acute yellow atrophy of the liver	Ictericia grave					1	1			2
111	Hydatid tumors of the liver	Tumores hidátidicos del hígado									
112	Cirrhosis of the liver	Cirrosis del hígado			1			2			3
113	Biliary calculi	Cálculos biliares									
114	Other affections of the liver	Otras afecciones del hígado					1				1
115	Affections of the spleen	Afecciones del bazo									
116	Simple peritonitis (puerperal excepted)	Peritonitis simple (exceptuándose la puerperal)									
117	Other affections of the digestive system (cancer and tuberculosis excepted).	Otras afecciones del aparato digestivo (exceptuándose el cáncer y tuberculosis).									
118	Appendicitis and abscess of the iliac fossa	Apendicitis y filimón de la fosa iliaca									
	VI.	**VI.**									
	Diseases of the Genito-Urinary System and its Adnexa.	**Enfermedades del Aparato Génito Urinario y de sus Anexos.**									
119	Acute nephritis	Nefritis aguda					3	1			4
120	Bright's disease	Mal de bright					2	4			6
121	Other diseases of the kidneys and their adnexa	Otras enfermedades de los riñones y de sus anexos									
122	Calculi of the urinary tract	Cálculos de las vías urinarias					2				2
123	Diseases of the bladder	Enfermedades de la vegiga						1			1
124	Diseases of the urethra, urinary abscess, etc	Enfermedades de la uretra									
125	Diseases of the prostate	Enfermedades de la próstata									
126	Nonvenereal diseases of the male genital organs	Enfermedades no venereas de los órganos genitales del hombre.									
127	Metritis	Metritis						1			1
128	Uterine hemorrhage (nonpuerperal)	Hemorragia uterina (no puerperal)									
129	Tumor, uterine (noncancerous)	Tumor uterino (no canceroso)									
130	Other diseases of the uterus	Otras enfermedades del útero									
131	Cysts and other tumors of the ovary	Quistes y otros tumores del ovario						1			1
132	Other diseases of the female genital organs	Otras enfermedades de los órganos genitales de la mujer.									
133	Nonpuerperal diseases of the breast (cancer excepted)	Enfermedades no puerperales de la mama (exceptuándose el cáncer).									

	Nomenclature Designed for the Statistics of Death.	Nomenclatura para las Estadísticas de Defunciones.	Americans. M.	Americans. F.	Foreigners. M.	Foreigners. F.	Filipinos. M.	Filipinos. F.	Chinese. M.	Chinese. F.	Total.
	VII.	**VII.**									
	The Puerperal State.	**Estado Puerperal.**									
134	Accidents of pregnancy	Accidentes de la preñez	----	----	----	----	----	----	----	----	----
135	Puerperal hemorrhage	Hemorragia puerperal	----	----	----	----	----	7	----	----	7
136	Other accidents of labor	Otros accidentes del parto	----	----	----	----	----	----	----	----	----
137	Puerperal septicæmia	Septicemia puerperal	----	----	----	----	----	3	----	----	3
138	Albuminuria and puerperal eclampsia	Albuminuria y eclampsia puerperales	----	----	----	----	----	1	----	----	1
139	Puerperal phlegmasia alba dolens	Flegmasia alba dolens puerperal	----	----	----	----	----	----	----	----	----
140	Other puerperal accidents—sudden death	Otros accidentes puerperales—muerte repentina	----	----	----	----	----	1	----	----	1
141	Puerperal diseases of the breast	Enfermedades puerperales de la mama	----	----	----	----	----	----	----	----	----
	VIII.	**VIII.**									
	Diseases of the Skin and Cellular Tissue.	**Enfermedades de la Piel y del Tejido Celular.**									
142	Gangrene	Gangrena	----	----	----	----	----	----	----	----	----
143	Furuncle	Forúnculo	----	----	----	----	----	----	----	----	----
144	Warm-acute abscess	Abscesos calientes agudos	----	----	----	----	----	----	----	----	----
145	Other diseases of the skin and its adnexa	Otras enfermedades de la piel	----	----	----	----	----	----	----	----	----
	IX.	**IX.**									
	Diseases of the Organs of Locomotion.	**Enfermedades de los Órganos de la Locomoción.**									
146	Affections of the bones (nontuberculous)	Afecciones de los huesos (exceptuando la tuberculosis)	----	----	----	----	----	----	----	----	----
147	Diseases of the joints (tuberculosis and rheumatism excepted).	Afecciones de las articulaciones (exceptuando la tuberculosis y el reumatismo).	----	----	----	----	----	----	----	----	----
148	Amputation	Amputación	----	----	----	----	----	----	----	----	----
149	Other affections of the organs of locomotion	Otras afecciones de los órganos de la locomoción	----	----	----	----	----	----	----	----	----
	X.	**X.**									
	Malformations.	**Vicios de Conformación.**									
150	Congenital malformations (stillbirths excepted)	Vicios de conformación congénitos (exceptuándose los de niños nacidos muertos).	----	----	----	----	----	----	----	----	----
	XI.	**XI.**									
	Early Infancy.	**Primera Infancia.**									
151	Congenital debility, icterus and sclerema	Debilidad congénita, ictericia y esclerema	----	----	----	----	14	17	----	----	31
152	Other special diseases of early infancy	Otras enfermedades especiales de la primera edad	----	----	----	----	3	2	----	----	5
153	Lack of care	Falta de cuidados	----	----	----	----	----	----	----	----	----
	XII.	**XII.**									
	Old Age.	**Vejez.**									
154	Senile debility	Debilidad senil	----	----	----	----	10	8	----	----	18
	XIII.	**XIII.**									
	Affections Produced by External Causes.	**Afecciones Producidas por Causas Exteriores.**									
155	Suicide by poison	Suicidio por envenenamiento	----	----	----	----	----	----	----	----	----
156	Suicide by asphyxia	Suicidio por asfixia	----	----	----	----	----	----	----	----	----
157	Suicide by hanging or strangulation	Suicidio por suspensión ó por estrangulación	----	----	----	----	----	----	----	----	----
158	Suicide by submersion	Suicidio por submersión	----	----	----	----	----	----	----	----	----
159	Suicide by firearms	Suicidio por armas de fuego	----	----	----	----	----	----	----	----	----
160	Suicide by cutting instruments	Suicidio por instrumentos cortantes	----	----	----	----	----	----	----	----	----
161	Suicide by jumping from high place	Suicidio por dejarse caer desde un punto elevado	----	----	----	----	----	----	----	----	----
162	Suicide by crushing	Suicidio por aplastamiento	----	----	----	----	----	----	----	----	----
163	Other suicides	Otros suicidios	----	----	----	----	----	----	----	----	----
164	Fractures	Fracturas	----	----	----	----	----	----	----	----	----
165	Dislocations	Luxaciones	----	----	----	----	----	----	----	----	----
166	Other accidental traumatisms	Otros traumatismos accidentales	----	----	----	----	2	1	----	----	3
167	Burns	Quemaduras por el fuego	----	----	----	----	----	----	----	----	----
168	Burning by corrosive substances	Quemaduras por substancias corrosivas	----	----	----	----	----	----	----	----	----
169	Insolation	Insolación	----	----	----	----	----	----	----	----	----
170	Freezing	Congelación	----	----	----	----	----	----	----	----	----
171	Electrical shocks	Conmoción eléctrica	----	----	----	----	----	----	----	----	----
172	Accidental submersion	Submersión accidental	----	----	----	----	1	----	----	----	1
173	Inanition	Inanición	----	----	----	----	----	----	----	----	----
174	Inhalation of deleterious gases (suicide excepted)	Absorción de gases deletéreos	----	----	----	----	----	----	----	----	----
175	Other acute poisonings	Otros envenenamientos agudos	----	----	----	----	1	----	----	----	1
176	Other external violence	Otras violencias exteriores	----	----	----	----	----	----	----	----	----
	XIV.	**XIV.**									
	Ill-Defined Diseases.	**Enfermedades mal Definidas.**									
177	Dropsy	Hidropesía	----	----	----	----	----	----	----	----	----
178	Sudden death	Muerte repentina	----	----	----	----	----	----	----	----	----
179	Unspecified or ill-defined causes of death	Causas de muerte no especificadas ó mal definidas	----	----	----	----	----	----	1	----	1
	Total		----	----	3	3	380	332	27	3	748
	Grand total		----	----	6		712		30		748

NUMBER OF DEATHS BY RACE, SEX, AND AGE.

CAUSE OF DEATH.	Less than one day to thirty days.								From thirty days to one year.								From one to five years.								From five to ten years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
I.																																
General Diseases.																																
1. Typhoid fever (abdominal typhus)																					1	1							1			
4. Intermittent fever and malarial cachexia																						1							1			
4a. Malarial cachexia																													1			
5. Variola													1						1			1										
6. Measles																						1										
8. Whooping cough																																
9a. Diphtheria																																
12. Cholera, Asiatic																																
13. Cholera nostras																																
14. Dysentery																					2								1	1		
15. Plague																						1							2			
17. Leprosy																																
18. Erysipelas																																
19. Other epidemic affections (beri-beri)																																
20. Purulent infection and septicæmia																																
23. Rabies																																
26. Tuberculosis of larynx																																
27. Tuberculosis of lungs																					1											
28. Tuberculosis of meninges													2	1																		
29. Tuberculosis, abdominal																1																
30. Pott's disease																														1		
31. Cold abscess, and abscess by congestion																																
33. Tuberculosis of other organs																																
34. Generalized tuberculosis																						1										
35. Scrofula																						1										
36. Syphilis													1																			
39. Cancer and other malignant tumors of the buccal cavity																																
40. Cancer and other malignant tumors of the stomach and liver																																
42. Cancer and other malignant tumors of the female genitals																																
43. Cancer and other malignant tumors of the breast																																
47. Acute articular rheumatism																																
48. Chronic rheumatism and gout																																
49. Scurvy																																
53. Leukæmia																																
54. Anæmia chlorosis													1																			
55. Other general diseases																																
59. Other chronic poisonings																																
II.																																
Diseases of the Nervous System and the Organs of Special Sense.																																
60. Encephalitis																																
61. Meningitis, simple						1							7	6							1	4	3						1	1		
63. Other diseases of the spinal cord																																
64. Cerebral congestion and hemorrhage																																
66. Paralysis without apparent cause																																
67. General paralysis																																
68. Other forms of insanity																																
69. Epilepsy																																
70. Eclampsia (nonpuerperal)					7	7							7	10																		
71. Convulsions of children					26	14		1					103	81		1																
72. Tetanus					1	3																										
74. Other diseases of the nervous system													1	2																		
III.																																
Diseases of the Circulatory System.																																
77. Pericarditis																																
78. Acute endocarditis																																
79. Organic disease of the heart																																
80. Angina pectoris																																
81. Affections of the arteries (atheroma, aneurism, etc.)																																
82. Embolus and thrombosis																																
85. Hemorrhages																																
86. Other affections of the circulatory system																																
IV.																																
Diseases of the Respiratory System.																																
88. Affection of the larynx																						1										
90. Acute bronchitis					1								16	14							1	3										
91. Chronic bronchitis													15	12							3	2								1		
92. Broncho-pneumonia														2							1											
93. Pneumonia													1								1											
94. Pleurisy																																
95. Pulmonary congestion and apoplexy						1																										
97. Asthma																																
V.																																
Diseases of the Digestive System.																																
100. Affections of the mouth and its adnexa																																
108. Ulcer of the stomach																																

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	Less than one day to thirty days.				From thirty days to one year.				From one to five years.				From five to ten years.			
	A.	E.	F.	C.	A.	E.	F.	C.	A.	E.	F.	C.	A.	E.	F.	C.
	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.
V. Diseases of the Digestive System—Cont'd.																
104. Other affections of the stomach (cancer excepted)							1 1					1				
105. Diarrhea and enteritis (under 2 years)							4 4	1								
105a. Diarrhea and enteritis, chronic							6 4				4 5					
106. Diarrhea and enteritis (2 years and over)												1				
107. Intestinal parasites																
108. Hernias: Intestinal obstructions																
110. Acute yellow atrophy of the liver							1									
112. Cirrhosis of the liver																
114. Other affections of the liver											1					
116. Simple peritonitis (puerperal excepted)																
117. Other affections of the digestive system (cancer and tuberculosis excepted)																
118. Appendicitis and abscess of the iliac fossa																
VI. Diseases of the Genito-Urinary System and its Adnexa.																
119. Acute nephritis							1									
120. Bright's disease																
122. Calculi of the urinary tract							1									
123. Diseases of the bladder																
127. Metritis																
131. Cysts and other tumors of the ovary																
133. Nonpuerperal diseases of the breast (cancer excepted)																
VII. The Puerperal State.																
135. Puerperal hemorrhage																
137. Puerperal septicæmia																
138. Albuminuria and puerperal eclampsia																
139. Puerperal phlegmasia—alba dolens																
140. Other puerperal accidents, sudden death																
VIII. Diseases of the Skin and Cellular Tissue.																
145. Other diseases of the skin and its adnexa																
IX. Diseases of the Organs of Locomotion.																
146. Affections of the bones (nontuberculous)																
X. Malformations.																
150. Congenital malformations (stillbirths excepted)																
XI. Early Infancy.																
151. Congenital debility, icterus, and sclerema			8 9				7 8									
152. Other special diseases of early infancy			2				1				2					
153. Lack of care																
XII. Old Age.																
154. Senile debility																
XIII. Affections Produced by External Causes.																
160. Suicide by cutting instruments																
164. Fractures																
166. Other accidental traumatisms																
167. Burns																
168. Burning by corrosive substances																
171. Electrical shocks																
172. Accidental submersion																
173. Inanition																
175. Other acute poisonings															1	
176. Other external violence																
XIV. Ill-Defined Diseases.																
177. Dropsy																
179. Unspecified or ill-defined causes of death																
Total			43 37	1			175 146	1 2		1 1	21 23				8 4	
Grand total			80	1			321	3		2	44				12	

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From ten to fifteen years.								From fifteen to twenty years.								From twenty to twenty-five years.								From twenty-five to thirty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
I.																																
General Diseases.																																
1. Typhoid fever (abdominal typhus)					1																1											
4. Intermittent fever and malarial cachexia																						1								2		
4a. Malarial cachexia													1								1											
5. Variola																					1								1			
6. Measles																																
9a. Diphtheria																																
12. Cholera, Asiatic																																
13. Cholera nostras																						1										
14. Dysentery					1																1				1					1		
15. Plague							1																2								3	
17. Leprosy														2							1											
18. Erysipelas																																
19. Other epidemic affections (beri-beri)													2	2							2	3	2						3			
20. Purulent infection and septicæmia																													2	1		
23. Rabies																					1											
26. Tuberculosis of larynx														1							1	2							2	1		
27. Tuberculosis of lungs					2	1							2	2							4	2							2	7		
28. Tuberculosis of meninges																																
29. Tuberculosis, abdominal																													1			
30. Pott's disease																																
31. Cold abscess and abscess by congestion																																
33. Tuberculosis of other organs																																
34. Generalized tuberculosis													1																			
35. Scrofula																																
36. Syphilis																																
39. Cancer and other malignant tumors of the buccal cavity																																
40. Cancer and other malignant tumors of the stomach and liver																																
42. Cancer and other malignant tumors of the female genitals																																
43. Cancer and other malignant tumors of the breast																																
47. Acute articular rheumatism																																
48. Chronic rheumatism and gout																																
49. Scurvy																																
53. Leukæmia																					1											
54. Anæmia chlorosis																																
55. Other general diseases																																
59. Other chronic poisonings																																
II.																																
Diseases of the Nervous System and the Organs of Special Sense.																																
60. Encephalitis																																
61. Meningitis, simple													1																			
63. Other diseases of the spinal cord																														1		
64. Cerebral congestion and hemorrhage																														1		
66. Paralysis without apparent cause																																
67. General paralysis																						1										
68. Other forms of insanity														1																		
69. Epilepsy						1																										
70. Eclampsia (nonpuerperal)																																
71. Convulsions of children																																
72. Tetanus					1								1								1	1										
74. Other diseases of the nervous system																																
III.																																
Diseases of the Circulatory System.																																
77. Pericarditis																																
78. Acute endocarditis																													1	1		
79. Organic disease of the heart																					1	1									1	
80. Angina pectoris																						1										
81. Affections of the arteries (atheroma, aneurism, etc.)																													1			
82. Embolus and thrombosis																																
85. Hemorrhages																																
86. Other affections of the circulatory system																																
IV.																																
Diseases of the Respiratory System.																																
88. Affections of the larynx														1																		
90. Acute bronchitis																																
91. Chronic bronchitis																													1			
92. Broncho-pneumonia																																
93. Pneumonia						1							2	1							3								3			
94. Pleurisy																																
95. Pulmonary congestion and apoplexy																														1		
97. Asthma																														1		
V.																																
Diseases of the Digestive System.																																
100. Affections of the mouth and its adnexa																																
103. Ulcer of the stomach																																

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From ten to fifteen years.								From fifteen to twenty years.								From twenty to twenty-five years.								From twenty-five to thirty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
V. Diseases of the Digestive System—Cont'd.																																
104. Other affections of the stomach (cancer excepted)																																
105. Diarrhea and enteritis (under 2 years)																																
105a. Diarrhea and enteritis, chronic																						1										
106. Diarrhea and enteritis (2 years and over)																																
107. Intestinal parasites																																
108. Hernias: Intestinal obstructions																													1			
110. Acute yellow atrophy of the liver													1																			
112. Cirrhosis of the liver																																
114. Other affections of the liver																																
116. Simple peritonitis (puerperal excepted)																																
117. Other affections of the digestive system (cancer and tuberculosis excepted)																																
118. Appendicitis and abscess of the iliac fossa																																
VI. Diseases of the Genito-Urinary System and its Adnexa.																																
119. Acute nephritis																													1			
120. Bright's disease																					1									1		
122. Calculi of the urinary tract																																
123. Diseases of the bladder																																
127. Metritis																																
131. Cysts and other tumors of the ovary																														1		
133. Nonpuerperal diseases of the breast (cancer excepted)																																
VII. The Puerperal State.																																
135. Puerperal hemorrhage																						1								3		
137. Puerperal septicæmia																						2										
138. Albuminuria and puerperal eclampsia																														1		
140. Other puerperal accidents, sudden death																														1		
VIII. Diseases of the Skin and Cellular Tissue.																																
145. Other diseases of the skin and its adnexa																																
IX. Diseases of the Organs of Locomotion.																																
146. Affections of the bones (nontuberculous)																																
X. Malformations.																																
150. Congenital malformations (stillbirths excepted)																																
XI. Early Infancy.																																
151. Congenital debility, icterus, and sclerema																																
152. Other special diseases of early infancy																																
153. Lack of care																																
XII. Old Age.																																
154. Senile debility																																
XIII. Affections Produced by External Causes.																																
164. Fractures																					1											
166. Other accidental traumatisms						1							1																			
167. Burns																										1						
168. Burning by corrosive substances																																
171. Electrical shocks																																
172. Accidental submersion																					1											
173. Inanition																																
175. Other acute poisonings																																
176. Other external violence																																
XIV. Ill-Defined Diseases.																																
177. Dropsy																																
179. Unspecified or ill-defined causes of death																																
Total					5	4	1						12	10							22	17	4		1	1			19	24	4	
Grand total					9		1						22								39		4		2				43		4	

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From thirty to thirty-five years.								From thirty-five to forty years.								From forty to forty-five years.								From forty-five to fifty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
I.																																
General Diseases.																																
1. Typhoid fever (abdominal typhus)													2																			
4. Intermittent fever and malarial cachexia																					1		1								1	
4a. Malarial cachexia																																
5. Variola													1																		1	
6. Measles																																
8. Whooping cough																																
9a. Diphtheria																																
12. Cholera, Asiatic																																
13. Cholera nostras																																
14. Dysentery													1		1																	
15. Plague							1						1		1						1											
17. Leprosy													2																			
18. Erysipelas																																
19. Other epidemic affections (beri-beri)													1		1								1						1			
20. Purulent infection and septicæmia																													1			
23. Rabies																																
26. Tuberculosis of larynx					1	1							2																	1		
27. Tuberculosis of lungs					4	4							5	7							2	4	1						7	5		
28. Tuberculosis of meninges																																
29. Tuberculosis, abdominal																																
30. Pott's disease																																
31. Cold abscess and abscess by congestion																																
33. Tuberculosis of other organs																																
34. Generalized tuberculosis																																
35. Scrofula																																
36. Syphilis															1																	
39. Cancer and other malignant tumors of the buccal cavity																																
40. Cancer and other malignant tumors of the stomach and liver																																
42. Cancer and other malignant tumors of the female genitals																																
43. Cancer and other malignant tumors of the breast																														1		
47. Acute articular rheumatism																																
48. Chronic rheumatism and gout																																
49. Scurvy																																
53. Leukæmia																																
54. Anæmia chlorosis																																
55. Other general diseases																																
59. Other chronic poisonings															1																	
II.																																
Diseases of the Nervous System and the Organs of Special Sense.																																
60. Encephalitis																																
61. Meningitis, simple																																
63. Other diseases of the spinal cord																																
64. Cerebral congestion and hemorrhage																																
66. Paralysis without apparent cause																																
67. General paralysis																							1									
68. Other forms of insanity														1																1		
69. Epilepsy																																
70. Eclampsia (nonpuerperal)																																
71. Convulsions of children																																
72. Tetanus																																
74. Other diseases of the nervous system																																
III.																																
Diseases of the Circulatory System.																																
77. Pericarditis																																
78. Acute endocarditis																																
79. Organic disease of the heart							1								2						1		1									
80. Angina pectoris					1									2																		
81. Affections of the arteries (atheroma, aneurism, etc.)																																
82. Embolus and thrombosis																																
85. Hemorrhages																																
86. Other affections of the circulatory system																																
IV.																																
Diseases of the Respiratory System.																																
88. Affection of the larynx																																
90. Acute bronchitis																													1	1	1	
91. Chronic bronchitis																																
92. Broncho-pneumonia					2								2																3			
93. Pneumonia																																
94. Pleurisy																																
95. Pulmonary congestion and apoplexy							1																1						1			
97. Asthma																														1		

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From thirty to thirty-five years.								From thirty-five to forty years.								From forty to forty-five years.								From forty-five to fifty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
V. Diseases of the Digestive System.																																
103. Ulcer of the stomach																					1											
104. Other affections of the stomach (cancer excepted)													1																			
105. Diarrhea and enteritis (under 2 years)																																
105a. Diarrhea and enteritis, chronic														1							2											
106. Diarrhea and enteritis (2 years and over)																																
107. Intestinal parasites																																
108. Hermais: Intestinal obstructions																																
110. Acute yellow atrophy of the liver																																
112. Cirrhosis of the liver																														1		
114. Other affections of the liver									1																							
117. Other affections of the digestive system (cancer and tuberculosis excepted																																
118. Appendicitis and abscess of the iliac fossa																																
VI. Diseases of the Genito-Urinary System and its Adnexa.																																
119. Acute nephritis														1							1											
120. Bright's disease													1	1								1										
122. Calculi of the urinary tract																													1			
123. Diseases of the bladder																														1		
127. Metritis																														1		
131. Cysts and other tumors of the ovary																																
133. Nonpuerperal diseases of the breast (cancer excepted)																																
VII. The Puerperal State.																																
135. Puerperal hemorrhage						2																1										
137. Puerperal septicæmia														1																		
138. Albuminuria and puerperal eclampsia																																
140. Other puerperal accidents, sudden death																																
VIII. Diseases of the Skin and Cellular Tissue.																																
145. Other diseases of the skin and its adnexa																																
IX. Diseases of the Organs of Locomotion.																																
146. Affections of the bones (nontuberculous)																																
X. Malformations.																																
150. Congenital malformations (stillbirths excepted)																																
XI. Early Infancy.																																
151. Congenital debility, icterus, and sclerema																																
152. Other special diseases of early infancy																																
153. Lack of care																																
XII. Old Age.																																
154. Senile debility																																
XIII. Affections Produced by External Causes.																																
164. Fractures																																
166. Other accidental traumatisms																	1															
167. Burns																																
168. Burning by corrosive substances																																
172. Accidental submersion																																
173. Inanition																																
175. Other acute poisonings																																
176. Other external violence																																
XIV. Ill-Defined Diseases.																																
179. Unspecified or ill-defined causes of death							1																									
Total					8	7	4		1				19	14	7		1				9	8	4					1	14	13	3	
Grand total					15		4		1				33		7		1				17		4					1	27		3	

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From fifty upward.								Unknown.								Total.								Grand total.
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
I.																									
General Diseases.																									
1. Typhoid fever (abdominal typhus)						1															6	2			8
4. Intermittent fever and malarial cachexia					1	1															3	5	2		10
4a. Malarial cachexia																					3				3
5. Variola																			1		4	1	1		7
6. Measles																						1			1
8. Whooping cough																									
9a. Diphtheria																									
12. Cholera, Asiatic																									
13. Cholera nostras																						1			1
14. Dysentery					2	3											1				8	5	1		15
15. Plague						1	1														4	2	9		15
17. Leprosy																					3	2			5
18. Erysipelas																									
19. Other epidemic affections (beri-beri)					1	3															10	9	3		22
20. Purulent infection and septicæmia																					3	1			4
23. Rabies																					1				1
26. Tuberculosis of larynx					2	1															8	7			15
27. Tuberculosis of lungs					14	6															43	38	1		82
28 Tuberculosis of meninges																					2	1			3
29. Tuberculosis, abdominal						1															1	1		1	3
30. Pott's disease																						1			1
31. Cold abscess, and abscess by congestion																									
33. Tuberculosis of other organs																									
34. Generalized tuberculosis																					1	1			2
35. Scrofula																						1			1
36. Syphilis																					1		1		2
39. Cancer and other malignant tumors of the buccal cavity																									
40. Cancer and other malignant tumors of the stomach and liver						1																1			1
43. Cancer and other malignant tumors of the breast																						1			1
45. Cancer and other malignant tumors of other organs and organs not specified																									
47. Acute articular rheumatism					1																1				1
48. Chronic rheumatism and gout					1																1				1
49. Scurvy																									
53. Leukæmia																					1				1
54. Anæmia chlorosis																									
55. Other general diseases																									
59. Other chronic poisonings																							1		1
II.																									
Diseases of the Nervous System and the Organs of Special Sense.																									
60. Encephalitis																									
61. Meningitis, simple																			1		13	11			25
63. Other diseases of the spinal cord																						1			1
64. Cerebral congestion and hemorrhage					3	3															3	4			7
66. Paralysis without apparent cause						1																1			1
67. General paralysis																						1	1		2
68. Other forms of insanity																						2			2
69. Epilepsy																						2			2
70. Eclampsia (nonpuerperal)																					14	17			31
71. Convulsions of children																					129	95		2	226
72. Tetanus					1																5	4			9
74. Other diseases of the nervous system																					1	2			3
III.																									
Diseases of the Circulatory System.																									
77. Pericarditis																									
78. Acute endocarditis				1	1														1		2	1			4
79. Organic disease of the heart					3	1															5	2	5		12
80. Angina pectoris					1	1															2	4			6
81. Affections of the arteries (atheroma, aneurism, etc.)					2																3				3
82. Embolus and thrombosis																									
85. Hemorrhages																									
86. Other affections of the circulatory system																									
IV.																									
Diseases of the Respiratory System.																									
88. Affections of the larynx																						2			2
90. Acute bronchitis																					18	17			35
91. Chronic bronchitis					3																23	16	1		40
92. Broncho-pneumonia																					1	2			3
93. Pneumonia																					17	2			19
94. Pleurisy					1	1															1	1			2
95. Pulmonary congestion and apoplexy																			1			2	1		4
97. Asthma					3	2															3	5			8
V.																									
Diseases of the Digestive System.																									
100. Affections of the mouth and its adnexa																									
103. Ulcer of the stomach																					1				1
104. Other affections of the stomach (cancer excepted)			1			2													1		2	4			7
105. Diarrhea and enteritis (under 2 years)																					4	4	1		9
105a. Diarrhea and enteritis, chronic																					12	11			23
106. Diarrhea and enteritis (2 years and over)																						1			1

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From fifty upward.								Unknown.								Total.								Grand total.
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
V. Diseases of the Digestive System—Continued.																									
107. Intestinal parasites																					1				1
108. Hernias: Intestinal obstructions																					1	1			2
110. Acute yellow atrophy of the liver			1			1													1			2			3
112. Cirrhosis of the liver																	1				1				2
114. Other affections of the liver																									
116. Simple peritonitis (puerperal excepted)																									
117. Other affections of the digestive system (cancer and tuberculosis excepted)																									
118. Appendicitis and abscess of the iliac fossa																									
VI. Diseases of the Genito-Urinary System and its Adnexa.																									
119. Acute nephritis					1																4	1			5
120. Bright's disease					2	1															4	4			8
122. Calculi of the urinary tract																					2				2
123. Diseases of the bladder																						1			1
127. Metritis																						1			1
131. Cysts and other tumors of the ovary																						1			1
133. Nonpuerperal diseases of the breast (cancer excepted)																									
VII. The Puerperal State.																									
135. Puerperal hemorrhage																						7			7
137. Puerperal septicæmia																						3			3
138. Albuminuria and puerperal eclampsia																						1			1
139. Puerperal phlegmasia alba dolens																									
140. Other puerperal accidents, sudden death																						1			1
VIII. Diseases of the Skin and Cellular Tissue.																									
145. Other diseases of the skin and its adnexa																									
IX. Diseases of the Organs of Locomotion.																									
146. Affections of the bones (nontuberculous)																									
X. Malformations.																									
150. Congenital malformations (stillbirths excepted)																									
XI. Early Infancy.																									
151. Congenital debility, ycterus and sclerema																					15	17			32
152. Other special diseases of early infancy																					3	2			5
153. Lack of care																									
XII. Old Age.																									
154. Senile debility					10	8															10	8			18
XIII. Affections Produced by External Causes.																									
160. Suicide by cutting instruments																					1				1
164. Fractures																	1				2	1			4
166. Other accidental traumatisms					1														1						1
167. Burns																									
168. Burning by corrosive substances																									
171. Electrical shocks																					1				1
172. Accidental submersion																									
173. Inanition																									
174. Inhalation of deleterious gases (suicide excepted)																					1				1
175. Other acute poisonings																									
176. Other external violence																									
XIV. Ill-Defined Diseases.																									
177. Dropsy																							1		1
179. Unspecified or ill-defined causes of death																									
Total			2	1	54	39	1										3	1	3	3	409	346	29	3	797
Grand total			3		93		1										4		6		755		32		797

Number of Deaths, with Causes, Occurring Among Transients in Manila During the Month of April, 1904.

[These deaths are not included in preparing death rate of city.]

			Americans.		Foreigners.		Filipinos.		Chinese.		Total.
			M.	F.	M.	F.	M.	F.	M.	F.	
	I.	**I.**									
	General Diseases.	**Enfermedades Generales.**									
5	Variola	Viruela					2				2
14	Dysentery	Disentería	1					1			2
19	Other epidemic affections	Otras afecciones epidémicas					2				2
20	Purulent infection and septicæmia	Infección purulenta y septicemia						1			1
27	Tuberculosis of lungs	Tuberculo de los pulmones					4	1			5
29	Tuberculosis, abdominal	Tuberculo abdominal						1			1
35	Scrofula	Escrófula						1			1
53	Leukæmia	Leucemia					1				1
59	Other chronic poisonings	Otros envenenamientos crónicos							1		1
	II.	**II.**									
	Diseases of the Nervous System and the Organs of Special Sense.	**Enfermedades del Sistema Nervioso y Otros Organos de los Sentidos Especiales.**									
61	Meningitis, simple	Meningitis, simple						3			3
68	Other forms of insanity	Otra forma de alienación mental						1			1
69	Epilepsy	Epilepsia						1			1
71	Convulsions of children	Convulciones infantiles					3	1			4
72	Tetanus	Tétanos					1				1
	III.	**III.**									
	Diseases of the Circulatory System.	**Enfermedades del Aparato Circulatorio.**									
78	Acute endocarditis	Endocarditis, aguda						1			1
	IV.	**IV.**									
	Diseases of the Respiratory System.	**Enfermedades del Aparato Respiratorio.**									
92	Broncho-pneumonia	Bronco-pneumonia					1	1			2
93	Pneumonia	Pneumonia					10				10
95	Pulmonary congestion and apoplexy	Congestión pulmonar y apoplegía							1		1
	V.	**V.**									
	Diseases of Digestive System.	**Enfermedades del Aparato Digestivo.**									
104	Other affections of the stomach (cancer excepted)	Otras afecciones del estomago exceptuándose el cancer						1			1
114	Other affections of the liver	Otras afecciones del hígado	1								1
	VI.	**VI.**									
	Diseases of the Genito-Urinary System and its Adnexa.	**Enfermedades del Aparato Génito Urinario y sus Anexos.**									
119	Acute nephritis	Nefritis aguda					1				1
120	Bright's disease	Enfermedades de Bright					2				2
	XI.	**XI.**									
	Early infancy.	**Enfermedades de la infancia.**									
151	Congenital debility, icterus and sclerema	Debilidad congenita, ictericia y esclerema					1				1
	XIII.	**XIII.**									
	Affections Produced by External Causes.	**Afecciones Producidas por Causas Externas.**									
164	Fractures	Fracturas					1				1
166	Other accidental traumatisms	Otros accidentes traumáticos	1								1
167	Burns	Quemadura, escaldado		1							1
	Total		3	1			29	14	2		49

Bilibid Prison Report of Deaths Occurring In During the Month of April, 1904.

	Presidio.				Carcel.				Total.
	Filipinos.		Chinese.		Filipinos.		Chinese.		
	M.	F.	M.	F.	M.	F.	M.	F.	
Smallpox	2								2
Pulmonary tuberculosis	5				1				6
Leukocythemia					1				1
Morphinism							1		1
Paretic dementia (asthemia)						1			1
Lobar pneumonia	9				4				13
Nephritis, chronic					2				2
Senility (cardiac asthemia)	1								1
Total	17				8	1	1		27

Condition:
- Single 12
- Married 13
- Unknown 2

Cemeteries:
- Loma 8
- Norte 18
- Chinese 1

Of the total number of deaths occurring during the month of April, 1904, 797, including transients, 473 were of persons less than 16 years of age. Of the remaining 324 adults of both sexes only 171, classified below, had definite occupations:

Males:
- Shoemakers 2
- Laborers 36
- Surgeon 1
- Student 1
- Sailors 3
- Carpenters 8

Males—Continued.
- Merchants 5
- Boatmen 4
- Cigar makers 3
- Coachmen 6
- Cooks 3
- Servant 1
- Tin worker 1
- Printers 2
- Shopkeepers 4
- Barbers 3
- Painter 1
- Catholic priests 2
- Farmers 5
- Mason 1
- Silversmiths 2
- Teacher 1
- Clerks 6
- Fishermen 4
- Sculptor 1
- Fireman 1
- Tailors 3
- Laundrymen 3
- Harness maker 1
- Butcher 1
- Confectioner 1

Total 116

Females:
- Seamstresses 21
- Laundry women 7
- Servants 4
- Shopkeepers 6
- Milk seller 1
- Sister of Charity 1
- Midwives 2
- Cigar makers 6
- Grass seller 1
- Student 1
- Embroiderer 1
- Flower seller 1
- Merchant 1
- Commission merchant 1
- Landlady 1

Total 55

Grand total 171

Deaths by Age and Occupations, April, 1904.

Occupation.	From 10 to 15 years.	From 15 to 20 years.	From 20 to 25 years.	From 25 to 30 years.	From 30 to 35 years.	From 35 to 40 years.	From 40 to 45 years.	From 45 to 50 years.	From 50 years upward.	Total.
MALES.										
Shoemakers			1			1				2
Laborers		1	7	4	4	7	4	1	8	36
Surgeon									1	1
Students		1								1
Sailors		1		1					1	3
Carpenters				1		1	2	1	3	8
Merchants						2		1	2	5
Boatmen			1			1	1		1	4
Cigar makers		1	1						1	3
Coachmen	1		1	2					2	6
Cooks						1		1	1	3
Servant				1						1
Tin worker									1	1
Printers		1							1	2
Shopkeepers					1				3	4
Barbers					2			1		3
Painter				1						1
Catholic priests									2	2
Farmers						1	1	1	2	5
Mason									1	1
Silversmiths			1		1					2
Teacher							1			1
Clerks				2				2	2	6
Fishermen	1		1						2	4
Sculptor									1	1
Fireman							1			1
Tailors								1	2	3
Laundrymen					1	1			1	3
Harness maker										1
Butcher										1
Confectioner								1		1
Total	2	5	13	13	9	15	11	10	38	116
FEMALES.										
Seamstresses			5	5	2	5		1	3	21
Laundry women		1	1	1	1			2	1	7
Servants	1			2					1	4
Shop keepers			1			1	1		3	6
Milk sellers									1	1
Sisters of Charity									1	1
Midwives									2	2
Cigar makers		1			1	1	2		1	6
Grass seller						1				1
Student		1								1
Embroiderer		1								1
Flower seller					1					1
Merchant				1						1
Commission merchant								1		1
Landlady									1	1
Total	1	4	7	9	5	8	3	4	14	55
Grand total	3	9	20	22	14	23	14	14	52	171

Births Reported in April, 1904.[1]

	Male.	Female.	Total.
Americans	6	1	7
Filipinos	297	247	544
Spaniards	3		3
Other Europeans			
Chinese	5	1	6
All others			
Total	311	249	560

[1] Incomplete.

Annual Birthrate per Thousand for the Month.

Americans	19.41
Filipinos	34.89
Spaniards	14.44
Other Europeans	0
Chinese	3.44
All others	0
Average	30.99

Report of Prescriptions Filled at the Municipal Dispensaries, Showing Districts, Sex, and Age of Persons to Whom Medicines Have Been Given During the Month of April, 1904.

Sanitary district.	Americans.				Foreigners.				Filipinos.				Chinese.				Total.
	Adults.		Children.		Adults.		Children.		Adults.		Children.		Adults.		Children.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
Station A, Sanitary District No. 1, San Nicolas									18	2	13						33
Station C, Sanitary District No. 2, Tondo	2								85	92		17					196
Station F, Sanitary District No 3, Quiapo									32	62	28	9					131
Station G, Sanitary District No. 4, Santa Cruz									29	24	9	6					68
Station I, Sanitary District No. 5, Sampaloc									86	47	34	14					181
Station J, Sanitary District No, 6, Intramuros									11	1	8	3					23
Station L, Sanitary District No. 7, Ermita, Malate, Paco, etc									71	110	33	30					244
Total	2								332	338	125	79					876

Report of Sick and Wounded City Poor Attended by Municipal Physicians During the Month of April, 1904.

Sanitary districts and physicians.	Foreigners.				Filipinos.				Chinese.				Total.	Cured.		Deaths.		Number of visits.
	Adults.		Children.		Adults.		Children.		Adults.		Children.							
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.		M.	F.	M.	F.	
Sanitary District No. 1, San Nicolas, Dr. V. Cavanna					13	11	10	3					37	10	10	6		204
Sanitary District No. 2, Tondo, Dr. V. Pantoja					27	38		6					71	20	32	5	6	271
Sanitary District No. 3, Quiapo, Dr. P. Gabriel					12	19	8	5					44	14	20	3	1	102
Sanitary District No. 4, Santa Cruz, Dr. C. Reyes					7	11	4	2					24	5	7	2	2	105
Sanitary District No. 5, Sampaloc, Dr. F. Castañeda					25	32	14	12					83	17	16	9	9	163
Sanitary District No. 6, Intramuros, Dr. F. Herrera					3	1	2	1					7	1	1	1		12
Sanitary District No. 7, Ermita, Malate, etc., Dr. J. B. Cabarrus					25	30	15	8					78	23	18	7	6	202
Total					112	142	53	37					344	90	104	33	24	1,059

Monthly Report of San Lazaro Hospital, Women's and Leper Departments, for April, 1904.

	Leper department.							Women's department				
	Europeans.		Filipinos.		Chinese.		Total.	Americans.	Europeans.	Filipinas.	Japanese.	Total.
	M.	F.	M.	F.	M.	F.						
Number of patients in hospital at last report		1	132	85			218		2	40	30	72
Number of patients received during the month			5	3			8	5	1	71	62	139
Number of patients discharged cured			1	1			2	4	1	30	40	75
Number of deaths			3	2			5					
Number of patients escaped			1				1					
Number of patients remaining in hospital		1	132	85			218	1	2	81	52	136

One male Filipino discharged; diagnosis not leprosy. One female Filipina transferred to the Hospicio de San José; diagnosis not leprosy. Three male and 2 female Filipinos died; 1 male Filipino born in hospital April, 16, 1904 (not taken up on numerical report), given over to relatives April 20, 1904. Discharged cured, 4 Americans, 1 European, 27 Filipinas, and 40 Japanese. Sent to prison, 3 Filipinas.

Bilibid Prison Sick Report for the Month of April, 1904.

Diseases.	Total sick as per last report.	Taken since last report.	Died.	Discharged.	Total number sick this date.
Chronic interstitial nephritis		1	1		
Dysmenorrhea		1		1	
Dysentery, amœbic	1	4		2	3
Fever, malarial intermittent	2	6		8	
Fecal impaction		1		1	
Leukocythemia		1	1		
Measles		7		7	
Morphinism		1	1		
Nephritis, chronic		1	1		
Orchitis		1		1	
Paretic dementia		1	1		
Pneumonia, lobar	7	31	13	18	7
Senility		1	1		
Smallpox		4	2		2
Tuberculosis	15	7	6		16
Intestinal parasites	1			1	
Total	26	68	27	39	28

Total number prisoners, 4,379; convalescents, 25; disabled, 171; insane, 25.

General Inspection of Houses, Premises, Vaults, etc., with Improvements Ordered by Medical Inspectors, Chief Sanitary Inspectors, and Sanitary Inspectors, for the Month of April, 1904.

1.	Houses inspected by Chief Sanitary Inspector	2,098
2.	Houses reinspected for verification of work ordered	311
3.	Houses inspected by sanitary inspectors	6,481
4.	Houses reinspected by sanitary inspectors	1,524
5.	Houses ordered cleaned (written)	5
6.	Houses ordered cleaned (verbal)	1,040
7.	Houses cleaned	914
8.	Houses ordered whitewashed and painted	10
9.	Houses whitewashed and painted	0
10.	Houses disinfected	72
11.	Number of houses recommended condemned and removed	24
12.	Number of houses condemned and removed	18
13.	Number of localities where "squatters" are located	22
14.	Number of samples of water from wells sent to Laboratory	0
15.	Number of reports from same	0
16.	Number of fire plugs opened or closed for sanitary purposes	0
17.	Number of hydrants recommended reopened	0
18.	Number of houses where garbage has not been removed for two days	17
19.	Number of persons reported sick to municipal physicians	150
20.	Cesspools and vaults ordered cleaned	86
21.	Cesspools cleaned	62
22.	Yards ordered cleaned	693
23.	Yards cleaned	632
24.	Yards ordered repaired (repaved, etc.)	0
25.	Yards repaired	0
26.	Number of cholera cases reported by sanitary inspectors	0
27.	Number of cholera cases reported by Auxiliary Advisory Board	0
28.	Number of cholera cases found "alive"	0
29.	Number of cholera cases found "dead"	0
30.	Number of orders issued during the month	7
31.	Number of orders complied with during the month	26
32.	Number of orders awaiting action	63
33.	Number of orders pending in court	0
34.	Number of food tiendas in districts	1,471
35.	Number of persons convicted for violation of food-prohibition order	0
36.	Average in visiting each street and barrio during month	3
37.	Number of regular inspectors on duty	14
38.	Number of emergency inspectors on duty	2
39.	Number of leper cases sent to San Lazaro Hospital	1
40.	Number of plague cases reported	14
41.	N mber of smallpox cases reported	18
42.	Houses in which traps are set	15,528
43.	Houses in which bane is placed	29
44.	Traps set	36,891
45.	Plates with ratsbane placed	435
46.	Rats caught by rat catchers	19,799
47.	Rats caught by traps	19,437
48.	Rats caught by poison	0
49.	Rats purchased	179
50.	Rat catchers employed	74

Burials, April, 1904.

Cemeteries.	Number.
Loma (Government)	446
Norte (Government)	38
Paco General (Government)	26
Santa Cruz	8
Balic-balic	120
Binondo	15
Tondo	
Maytubig	40
Malate	37
Pandacan	39
Chinese	33
Crematory	1
Santa Ana	13
American National Cemetery	2
San Pedro Macati	1
Embalmed for shipment to provinces	3
Total	822

Disinterments, April, 1904.

Paco	9
Santa Cruz	8
Binondo	2
Malate	2
Chinese	25
Total	46

Report of Crematories, April, 1904.

Disposition.	Crematories.		
	Palomar.	Santa Cruz.	Total.
Animals cremated:			
American horses	1	9	10
American mules	1	2	3
Australian horses		4	4
Chinese horses		3	3
Filipino horses	36	53	89
Carabaos	3	11	14
Cows	21	18	39
Calves	1	10	11
Dogs	94	11	105
Goats	4	5	9
Cats	72	22	94
Rats	17,021	18,997	36,018
Monkeys	1	2	3
Fowls	438	41	479
Domestic birds		5	5
Deer	1	1	2
Pigs	16	2	18
Total	17,710	19,196	36,906
Loads cremated:			
House garbage	2,368	1,085	3,453
Trade refuse	266	41	307
Market refuse	341		341
Organic matter	62		62
Waste	209	30	239
Manure	119		119
Condemned goods	859		859
Total	4,224	1,156	5,380

Report of Operations of the Pail-Conservancy System for the Month of April, 1904.

PAIL COLLECTIONS.

	Pail service.		
	Installations.	Pails in use.	Pails cleaned.
Private houses	699	864	23,990
Public buildings	45	130	3,685
Public closets	11	486	9,690
Provisional collections, 7 in use		136	3,760
Total Manila	755	1,616	41,125
Mariquina	131	200	6,000
Grand total	886	1,816	47,125

VAULTS CLEANED BY EXCAVATORS.

	Vaults	Loads removed.	Gallons removed.
Public buildings	19	235	117,500
Private building	13	22	11,000
Total	32	257	128,500

VAULTS CLEANED BY CONTRACTORS.

	Permits issued.	Vaults cleaned.	Barrels removed.
Military closets	28		202
Private houses	212	212	2,486
Total	240	212	2,688

Report of Vaccine Furnished by Serum Laboratory During the Month of April, 1904.

	Units.
Bilibid Prison	2,000
Quarantine Service	3,100
Civil Hospital	100
Philippines Constabulary	900
Manila Police	100
Board of Health	201,300
Medical Supply Depot	4,855
U. S. Naval Station, Cavite	500
Sundry sales	445
Total	213,300

Report of Action Taken on Licenses during the Month of April, 1904.

Business for which license is desired.	License applications approved.	License applications disapproved.	Total applications acted upon.	Applications awaiting action.	Business for which license is desired.	License applications approved.	License applications disapproved.	Total applications acted upon.	Applications awaiting action.
1. Aërated water	2		2		10. Liquor, first-class bar		1	1	
2. Bakeries	6	1	7		11. Restaurants	8		8	
3. Boarding house	1		1		12. Soap	3		3	
4. Chocolate	12	1	13		13. Sweetmeats, make and sell	3		3	
5. Cleaning and dyeing	1	1	2		14. Vermicelli, make and sell	1		1	
6. Dance hall	1		1		15. Wine, native		3	3	
7. Distilleries (perfumes)	2		2						
8. Drug stores	7		7		Total	53	7	60	
9. Laundries	6		6						

Report of Disinfections for the Month of April, 1904.

Diseases.	Number of disinfections.	Number of contacts.	Diseases.	Number of disinfections.	Number of contacts.
Bubonic plague	12	28	Surra	4	
Smallpox	12	58	Lymphangitis	4	
Consumption	1		Insanitary condition	20	
Hydrophobia	1				
Rinderpest	8		Total	65	86
Glanders	3				

Veterinary Division.

[DAVID G. MOBERLY, Acting Chief Veterinary Surgeon; MURRAY J. MYERS, Veterinary Surgeon.]

On arrival in city:

Number of cattle inspected	2,658
Number of carabaos inspected	338
Number of horses inspected	541
Number of hogs inspected	4,391
Number of sheep inspected	9
Number of goats inspected	34
Number of other animals inspected	10
Total	7,981

In Government abattoir:

Number of cattle slaughtered	2,130
Number of hogs slaughtered	5,044

In Government abattoir—Continued.

Number of sheep slaughtered	1
Number of goats slaughtered	5
Total	7,180
Number of cattle condemned	3
Number of hogs condemned	28
Number of horses condemned for glanders	6
Number of horses condemned for surra	5
Number of other animals condemned	24
Total	66

Reports Received of Insane Persons Living in the Various Provinces of the Philippine Islands to April 30, 1904.

Province.	Race.	Males.	Females.	Widows.	Widowers.	Married.		Single.		Children.		Total.		Violent.	Not violent.	Cared for by friends.	Cared for by provinces.	Method of care by provinces.	Number without financial resources sufficient for support.	Number with financial resources sufficient for support.
						M.	F.	M.	F.	M.	F.	M.	F.							
Bataan	Filipino	11	10	4	1	5	3	4	3	1		11	10	5	16	21		None	13	8
Antique	do	29	24	2	2	4	15	23	7			29	24	3	50	53		do	32	21
Batangas	do	56	73	13	5	13	15	36	44	2	1	56	73	26	103	129		do	93	36
Bulacan	do	46	28	6		14	10	32	12			46	28	12	62	74		do	57	17
Iloilo	do	98	91	24	10	24	21	64	46			98	91	54	135	184	5	do	136	53
La Union	do	29	15	1	2	10	4	16	10	1		29	15	10	34	44		do		44
La Laguna	do	71	72	9	6	17	18	45	40	3	5	71	72	22	121	143		do	46	97
Mindoro	do	9	7	1		1	2	8	4			9	7	9	7	16		do	16	
Pampanga	do	29	28	3		7	8	22	17			29	28	3	54	57		do	34	23
Romblon	do	22	5	1	6	16	4					22	5	2	25	27		do		27
Tarlac	do	8	8	1		3	2	5	5			8	8	6	10	16		do	4	12
Tayabas	do	112	83	8	8	11	8	89	66	4	1	112	83	26	169	192	3	do	81	114
Ilocos Sur	do	89	86	8	6	22	20	61	56		2	89	86	43	132	175		do	138	37
Zambales	do	9	17	9		2	1	7	7			9	17	6	20	25	1	do	14	12
Pangasinan	do	93	86	15	16	26	22	45	44	6	5	93	86	18	161	179		do	88	91
Misamis	do	81	72	13	5	22	19	52	39	2	1	81	72	37	116	153		do	107	46
Cavite	do	28	23	6	1	7	9	20	8			28	23	14	37	50	1	do	43	8
Capiz	do	36	36	7	5	13	11	18	7		1	36	36	16	56	66	6	do	52	20
Rizal	do	42	27	4	3	16	7	23	16			42	27	11	58	69		do	49	20
Masbate	do	17	19	3	1	4	4	12	11		1	17	19	3	33	36		do	12	24
Sorsogon	do	86	65	6	4	16	19	66	40			86	65	13	138	151		do	105	46
Ilocos Norte	do	53	44	11	2	14	12	36	21	1		53	44	22	75	96	1	do	79	18
Albay	do	69	86	8	6	12	22	47	54	4	2	69	86	22	133	153	2	do	67	88
Isabela	do	9	5	1		5	3	4	1			9	5	1	13	14		do	3	[1] 11
Ambos Camarines	do	73	62	6	4	19	16	50	37		3	73	62	15	120	135		do	99	36
Bohol	do	338	328	14	19	54	49	247	254	18	11	338	328	49	617	666		do	613	53
Cebú	do	448	336	14	18	68	51	351	268	11	3	448	336	130	654	770	14	do	644	140
Nueva Vizcaya	do	4	5	1			3	4	1			4	5		9	9		do		9
Total		1,995	1,741	199	130	425	378	1,387	1,128	53	36	1,995	1,741	578	3,158	3,703	33		2,625	1,111

[1] One Chinese male.

Reports Received of Lepers Living in the Various Provinces of the Philippine Islands to April 30, 1904.[1]

Province.	Race.	Number of men.	Number of women.	Children.		Single.		Married.		Widowers.	Widows.	Total.
				M.	F.	M.	F.	M.	F.			
Antique	Filipino	92	37	2	2	38	28	42	4	12	5	183
Batangas	do	36	17			27	6	5	8	4	3	53
Bataan	do	10	4	1	1	5		3	2	2	2	16
Benguet	Igorrote	31	10	1	1	1		21	10	9		43
Ambos Camarines	Filipino	33	17	1	1	24	12	8	5	1		52
Bulacan	do	17	9	2	1	12	6	5	3			29
Ilocos Norte	do	45	28	5	2	9	10	31	8	5	10	80
Ilocos Sur	do	176	84	4	2	101	50	61	22	14	12	266
Leyte	do	49	38	1	3	26	27	20	7	3	4	91
Masbate	do	51	35	25	10	22	15	27	15	2	5	121
Cagayan	do	57	42		3	25	11	25	28	7	3	102
Lepanto	do	14	4	1		5	1	8		1	3	19
Cavite	do	17	5		3	16	3	1			2	25
Nueva Ecija	do	44	24			19	12	23	7	2	5	68
Negros Occidental	do	26	11	5	1	17	10	8	1	1		43
Pampanga	do	8	5	2		3	1	5	3		1	15
Pangasinan	do	120	80	2	3	36	28	65	38	19	14	205
Rizal	do	41	24	2		17	14	21	7	3	3	67
Marinduque	do	1	1	1			1	1				3
Laguna	do	28	9			10	5	13	2	5	2	37
San Lazaro[2]	do	110	77	22	9	72	41	26	19	12	17	218
Tarlac	do	27	24	11	4	7	9	18	10	2	5	66
Sorsogon	do	75	33	1	1	32	18	40	10	3	5	110
Romblon	do	13	14			5	9	8	4		1	27
Samar	do	39	32	13	8	15	11	21	18	3	3	92
Union	do	43	28	3		15	14	24	12	4	2	74
Zambales	do	58	35	2		30	15	24	15	4	5	95
Mindanao	Moro	140	74	3	3	86	44	45	18	9	12	220
Cebu	Filipino	171	89	5	4	136	64	32	22	3	3	269
Iloilo	do	231	66	11	2	113	37	94	9	24	20	310
Negros Oriental	do	66	42	6	2	27	23	32	14	7	5	116
Isabela de Luzon	do	18	4	1		3	1	10	3	5		23
Tayabas	do	1								1		1
Albay	do	68	33	1	1	30	18	27	10	11	5	103
Nueva Vizcaya	do	13	12	2		7	3	4	6	2	3	27
Abra	do	11	6			5	4	5	2	1		17
Bohol	do	46	46	5	1	20	19	23	21	3	6	98
Capiz	do	44	33	19	9	30	20	13	12	1	1	105
Surigao	do		1								1	1
Misamis	do	50	20	1		28	11	17	4	5	5	71
Total		2,120	1,153	161	77	1,074	601	856	379	190	173	3,511

[1] Incomplete. [2] 1 female, European.

Sanitary Engineer's Division—Number of Houses on which Work has been Completed, in Accordance with Orders Issued from this Office during April, 1904.

San Nicolas	16
Tondo	3
Quiapo	7
Santa Cruz	5
Sampaloc	4
Intramuros	3
Ermita, Malate, Paco, etc	12
Total	50
New orders issued during April, 1904	12
Letters sent to property owners concerning faulty work done, and requesting work ordered to be completed at a certain date	30

Office of the Sanitary Engineer's Division—Sanitary Orders Issued and Complied with during the Month of April, 1904.

District.	Complied with.	Issued.
Station A, San Nicolas	2	3
Station C, Tondo		
Station F, Quiapo	2	5
Station G, Santa Cruz	2	
Station I, Sampaloc	3	3
Station J, Intramuros		
Station L, Ermita		3
Total	9	14

Tabulated Statement Upon the Amount of Vaccine Virus Distributed by the Board of Health during the Month of April, 1904.

	Units.
Inhabitants of the Philippine Islands, Manila not included	178,910
Used by public vaccinators and other institutions in the city of Manila	20,200
Total	199,110

Report of Vaccination, City of Manila, during the Month of April, 1904.

Sanitary districts.	Males.	Females.	Adults.	Children.	Results.		Total.
					Positive.	Negative.	
Sanitary District No. 1, San Nicolas	1,775	855	1,737	893	318	2,312	2,630
Sanitary District No. 2, Tondo	1,256	456	1,195	517	525	1,187	1,712
Sanitary District No. 3, Quiapo	565	218	494	289	69	714	783
Sanitary District No. 4, Santa Cruz	962	717	694	985	527	1,152	1,679
Sanitary District No. 5, Sampaloc	979	645	907	717	410	1,214	1,624
Sanitary District No. 6, Intramuros	622	219	574	267	232	609	841
Sanitary District No. 7, Ermita, Paco, Malate, etc	437	351	287	501	336	452	788
Total	6,596	3,461	5,888	4,169	2,417	7,640	10,057

Smallpox Report for Manila from April 1 to April 30, 1904.

	Cases.		Deaths.	
	M.	F.	M.	F.
Americans	2			
Europeans	1	1	1	
Filipinos	12	2	4	1
Chinese			1	
Total	15	3	6	1

	C.	D.
San Nicolas	3	
Tondo	3	1
Quiapo		
Santa Cruz	8	4
Sampaloc		1
Intramuros	2	1
Ermita	2	
Total	18	7

	C.	D.
Under 1 year	2	1
From 1 year to 5 years	2	2
From 5 year to 10 years	2	
From 10 years to 20 years	4	
From 20 years to 30 years	2	2
From 30 years to 40 years	2	1
From 40 years to 50 years	1	1
From 50 years and above		
Unknown	3	
Total	18	7

Number of cases found "alive"	16
Number of cases found "dead"	2
Total	18

Bubonic Plague Report for Manila from April 1 to April 30, 1904.

	Cases.		Deaths.	
	M.	F.	M.	F.
Americans				
Europeans				
Filipinos	4	3	4	2
Chinese	8		9	
Total	12	3	13	2

	Cases.	Deaths.
San Nicolas	7	8
Tondo		
Quiapo	1	1
Santa Cruz	2	2
Sampaloc		
Intramuros	5	4
Ermita		
Malate		
Total	15	15

	Cases.	Deaths.
From 1 year to 5 years	1	1
From 5 years to 10 years	2	2
From 10 years to 20 years	1	1
From 20 years to 30 years	4	4
From 30 years to 40 years	4	4
From 40 years to 50 years	1	1
From 50 years and above	2	2
Total	15	15

Number of cases found "alive"	10
Number of cases found "dead"	5
Total	15

Epidemic of Cholera in the City of Manila and Provinces from March 20, 1902, to March 31, 1904.

Months.	Manila.		Provinces.	
	Cases.	Deaths.	Cases.	Deaths.
1902.				
March	108	90		
April	586	406	1,927	1,417
May	550	442	2,407	1,631
June	601	492	5,204	4,097
July	1,368	1,053	7,757	5,807
August	720	581	11,247	7,874
September	273	179	43,346	27,410
October	87	57	30,837	18,572
November	336	236	12,353	6,681
December	35	24	5,918	3,583
1903.				
January	7	4	4,921	2,757
February	2	1	2,997	2,009
March	6	6	1,903	1,124
April	33	27	1,772	1,147
1903—Continued.				
May	230	212	1,402	885
June	39	38	3,554	2,945
July	42	38	4,167	2,806
August	89	72	10,212	7,406
September	290	263	4,613	3,672
October	127	118	2,531	1,969
November	31	26	1,119	937
December	14	13	364	270
1904.				
January	4	5	35	24
February	3	3	61	42
March			23	10
Total	5,581	4,386	160,670	105,075

The city was declared free from cholera on March 23, 1904, and the provinces on April 27, 1904.

NOTE.—One case of supposed cholera occurred on the Island of Malahi, Laguna Province, on the 18th of April. The patient recovered.

Bureau of Government Laboratories, Biological Laboratory Report, March, 1904.

	Positive.	Negative.	Total.
Microscopic examination for—			
Gonococci	109	1,269	1,378
B. leprae	------	11	11
B. pestis	------	1	1
Surra—			
Carabaos	151	1,413	1,664
Horses	8	181	189
Necropsies:			
Asiatic cholera	1	------	------
Plague	8	------	------
Others	19	------	28
Rats received	------	------	6,872
Rats examined	------	155	------

Bureau of Government Laboratories, Biological Laboratory Report, April, 1904.

	Positive.	Negative.	Total.
Microscopic Examination for—			
Gonococci	177	1,452	1,629
B. leprae	------	3	3
Surra	57	484	541
Necropsies:			
Asiatic cholera	------	------	------
Plague	5	------	------
Others	12	------	17
Rats received for examination	------	------	75
Rats examined microscopically	------	24	------

Consolidated Report of Mariquina Valley for the Month of April, 1904.

	Montalban.	San Mateo.	Mariquina.
Number of houses in district	604	674	1,682
Permanent population of district	2,193	3,381	6,391
Transient population of district	321	534	1,774
Number of horses in district	32	54	73
Number of horses killed for glanders	1	2	1
Houses inspected by Chief Sanitary Inspector	270	382	376
Houses reinspected by Chief Sanitary Inspector	98	157	133
Houses ordered cleaned (verbal)	46	31	29
Yards ordered cleaned	94	70	73
Yards cleaned	91	70	68
Stables ordered cleaned	7	20	18
Stables cleaned	7	20	18
Houses and stables ordered disinfected	4	6	7
Houses and stables disinfected	4	6	7
Number of sick persons reported by chief sanitary inspector	4	7	12
Number of sick persons visited by chief sanitary inspector	4	22	31
Number of deaths during the month	5	8	34
Number of arrests ordered	10	3	39
Number of arrests made during the month	10	3	23
Houses inspected by sanitary inspectors	6,660	11,130	15,378
Houses reinspected by sanitary inspectors	2,132	1,530	3,441
Houses ordered cleaned by sanitary inspectors	286	462	495
Houses cleaned	281	453	487
Yards ordered cleaned	266	294	563
Yards cleaned	263	285	537
Stables ordered cleaned	7	18	61
Stables cleaned	6	18	60
Houses and stables ordered disinfected	3	8	14
Houses and stables disinfected	3	8	14
Number of leper cases in district	4	4	8
Number of food tiendas in district	27	65	113
Number of hogs found dead	------	89	6
Contagious diseases in district during month	4	7	3
Number of regular inspectors on duty	1	------	------
Number of emergency inspectors on duty	3	6	8

Meteorological Data Deduced from Hourly Observations.

Date.	Barometer,[1] mean.		Temperature. Mean.		Temperature. Maximum.		Temperature. Minimum.		Relative humidity, mean.	Wind. Prevailing direction.	Wind. Total daily motion.		Wind. Maximum. Force.		Wind. Maximum. Direction.	Sunshine.	Rainfall.	
	Inches.	*mm.*	°*C.*	°*F.*	°*C.*	°*F.*	°*C.*	°*F.*	*Per ct.*		*Km.*	*Miles.*	*Km.*	*Miles.*		*h. m.*	*Inch.*	*mm.*
1	29.901	759.48	25.4	77.7	29.8	85.6	21.5	70.7	74.2	E.	244	152	25	16	SE.	2-00		
2	29.877	58.85	26.3	79.3	33.2	91.8	20.8	69.4	76.0	SE.	244	152	28	18	SE.	6-20		
3	29.846	58.08	26.5	79.7	33.5	92.3	21.9	71.4	74.0	SE.	234	145	19	12	ESE.	5-45		
4	29.839	57.89	27.6	81.7	36.2	97.2	20.7	69.3	71.8	ESE.	200	124	14	9	SW.	9-55		
5	29.854	58.28	28.5	83.3	34.8	94.6	23.7	74.7	70.7	SE.	172	107	21	13	E.	9-20		
6	29.873	58.76	27.5	81.5	34.4	93.9	21.5	70.7	66.6	SE.	232	144	28	18	SE.	7-50		
7	29.878	58.87	27.4	81.3	33.6	92.5	23.6	74.5	68.2	SE.	206	128	18	11	SE.	5-45		
8	29.855	58.30	27.2	81.0	32.2	90.0	21.9	71.4	72.5	W.-SE.	112	70	16	10	W.	7-15	0.150	3.8
9	29.869	58.65	25.8	78.4	29.7	85.5	23.0	73.4	80.9	W.-ESE.	124	77	10	6	E.	1-40	0.276	7.0
10	29.890	59.21	25.8	78.4	31.3	88.3	21.5	70.7	71.5	E.-NE.	202	126	20	12	E.	4-10		
11	29.903	59.53	26.0	78.8	34.0	93.2	20.8	69.4	71.9	NNE.	198	123	26	16	NNE.	4-00		
12	29.864	58.53	26.9	80.4	32.9	91.2	21.7	71.1	76.9	NE.-ESE.	110	68	12	7	E.	5-05		
13	29.844	58.02	26.9	80.4	32.7	90.9	23.4	74.1	75.1	SE.	167	104	19	12	SE. by E.	4-00		
14	29.867	58.60	27.6	81.7	34.4	93.9	22.9	73.2	71.5	ESE.	103	64	14	9	SE. by E.	5-15		
15	29.831	57.71	26.4	79.5	32.0	89.6	21.3	70.3	70.2	ESE.	148	92	16	10	ESE.	6-50		
16	29.814	57.26	27.3	81.1	32.5	90.5	20.7	69.3	65.1	W.-ESE.	188	117	18	11	W.	9-30		
17	29.836	57.83	27.4	81.3	34.3	93.7	20.9	69.6	62.5	SE.	238	148	26	16	SE.	10-30		
18	29.857	58.36	26.7	80.1	32.9	91.2	20.0	68.0	67.9	SE.	134	83	14	9	WSW.	7-45		
19	29.855	58.29	27.3	81.1	34.5	94.1	21.3	70.3	61.2	E.	153	95	18	11	E.	9-15		
20	29.875	58.81	26.5	79.7	33.9	93.0	20.2	68.4	68.6	ESE.	245	152	26	16	SE.	10-40		
21	29.896	59.36	26.7	80.1	33.7	92.7	20.4	68.7	63.3	ESE.	234	145	22	14	NE.	9-05		
22	29.879	58.89	25.8	78.4	31.5	88.7	20.2	68.4	67.0	E.	174	108	14	9	W.	6-40		
23	29.857	58.36	26.3	79.3	32.7	90.9	19.9	67.8	64.1	NE.-ENE.	228	142	21	13	WNW.	7-50		
24	29.851	58.21	27.1	80.8	32.6	90.7	21.1	70.0	67.0	Variable.	202	126	16	10	W.	8-30		
25	29.849	58.16	27.4	81.3	35.3	95.5	21.1	70.0	67.6	ESE.	218	135	29	18	ESE.	9-40		
26	29.886	59.09	28.0	82.4	34.7	94.5	23.2	73.8	63.6	ESE.	192	119	23	14	SE. by E.	6-55		
27	29.906	59.59	27.0	80.6	34.7	94.5	20.5	68.9	65.6	ESE.	194	121	16	10	E.	4-40	0.110	2.8
28	29.902	59.51	26.1	79.0	31.5	88.7	21.9	71.4	76.5	Variable.	181	112	18	11	N. by E.	6-20	0.677	17.2
29	29.894	59.30	27.3	81.1	34.5	94.1	20.9	69.6	63.2	ENE.	222	138	18	11	E.	10-10		
30	29.870	58.67	27.5	81.5	33.3	91.9	21.7	71.1	66.7	E.	220	137	19	12	W.	10-30		
Mean	29.867	758.62	26.9	80.4	33.2	91.8	21.5	70.7	69.4		190.6	118.5	19.5	12.1		7-06		
Total											5,719	3,554				213-10	1.213	30.8

[1] Corrected for instrumental error and for temperature and reduced to sea level. Correction to standard gravity —1.72 mm. (—0.068 inch).

Library

GENERAL LIBRARY,
UNIV. OF MICH.
OCT 8 1904

MONTHLY REPORT

OF THE

Board of Health for the Philippine Islands

AND

CITY OF MANILA,

MAY, 1904.

TO THE HON. DEAN C. WORCESTER, SECRETARY OF THE INTERIOR.

E. C. CARTER, M. D., Major and Surgeon, U. S. Army,
Commissioner of Public Health.

T. R. MARSHALL, M. D.,
Chief Health Inspector.

P. C. FREER, M. D., Ph. D.,
Superintendent of Government Laboratories.

H. D. OSGOOD, B. S.,
Sanitary Engineer for the Philippine Islands.

MANUEL GOMEZ MARTINEZ, M. D.,
Secretary Board of Health.

MANILA:
BUREAU OF PUBLIC PRINTING.
1904.

19431

LETTER OF TRANSMITTAL.

DEPARTMENT OF THE INTERIOR,
BOARD OF HEALTH FOR THE PHILIPPINE ISLANDS,
OFFICE OF THE COMMISSIONER,
Manila, May 24, 1904.

SIR: I have the honor to submit the report of the Board of Health for the Philippine Islands and the city of Manila for the month of May, 1904:

The records of the Bureau show that there were 620 births and 766 deaths, which, when figured upon a basis of 219,941 as the population of the city, gives a rate of 33.21 births and 41.03 deaths per thousand, respectively; however, the number of births reported is not complete, notwithstanding the efforts of the Board of Health to obtain accurate information. The principal causes of deaths in the city of Manila and the number of children who died before completing their first year are shown in the following table:

Cause.	Total deaths.	Deaths under 1 year of age.
Convulsions of children	253	251
Tuberculosis of lungs	100	
Chronic bronchitis	39	25
Acute bronchitis	33	28
Meningitis, simple	32	18
Eclampsia, nonpuerperal	30	29
Congenital debility	28	28
Diarrhea and enteritis, chronic	25	17
Beri-beri	18	
Dysentery	17	1
Senile debility	17	
Plague	16	
Pneumonia	15	
Intermittent fever	12	1
Tuberculosis of larynx	9	
Cerebral congestion	9	
Other diseases of the nervous system	6	5
Typhoid fever	8	
Variola	8	1
Diarrhea and enteritis, under 2 years	8	5
Other diseases of infancy	6	5
Tuberculosis, abdominal	7	
Tetanus	6	6
Organic diseases of the heart	6	
Acute nephritis	6	1
Bright's disease	6	1
Tuberculosis of meninges	5	2
Simple peritonitis	5	

Fifty-three per cent of the deaths in the city of Manila occurred in children under 1 year of age, as against 49 per cent during the month of April.

Infectious diseases.—During the period covered by this report there were 17 cases of plague, with 16 deaths; of these cases 10 were Chinese and 7 Filipinos. The usual prophylactic measures against the disease were continued; 25,935 rats were caught, as against 39,415 for the month of April. Twenty cases of smallpox with 8 deaths occurred, classified with reference to nationalities as follows:

Nationality.	Cases.	Deaths.
Americans	10	2
Chinese		
Filipinos	10	6
Other nationalities		

The Philippines have been entirely free from cholera during the month.

On account of the increase in the number of cases of smallpox in the city of Manila and the great severity of the disease when attacking Americans, it was deemed advisable to systematically vaccinate the officers and employees of the Civil Government in the city of Manila, and to this purpose Special Order No. 85, as given below, was issued:

"(1) The general vaccination of all officers and employees of the Civil Government in the city of Manila being deemed necessary, the same is hereby ordered, pursuant to authority contained in section 2 of Act No. 309, and section 8 of City Ordinance No. 4.

"(2) Medical Inspector Paul Clements, Board of Health for the Philippine Islands, is hereby detailed to conduct such vaccinations.

"(3) To this end he is authorized to use such additional vaccinators and clerical assistance as may be deemed advisable in order that the completion of such vaccinations may be expedited.

"(4) Any officer or employee who declines to permit vaccination by Government vaccinators will be given twenty-four hours in which to have such vaccination accomplished privately, and upon the expiration of which time inspection does not show evidence of vaccination, together with certificate signed by a registered physician, charges will be immediately thereafter filed, in accordance with provisions of section 7 of said act and section 11 of said city ordinance.

"(5) Female employees will be vaccinated at their residences, if desired.

"(6) Prior to beginning vaccinations of officers and employees of Government bureaus and offices the medical inspector thus detailed will confer with the chiefs of such bureaus or offices and in the name of the Board of Health for the Philippine Islands and city of Manila request his assistance and coöperation."

There were 151,500 number of units of vaccine virus issued by the Board of Health, from which 137,300 units were for provincial use; 9,205 vaccinations were performed in the city of Manila.

Insane.—Incomplete reports show a total of 2,164 males and 1,851 females, of whom 594 are reported as violent and 2,729 as dependent upon charity.

Lepers.—The work of getting the leper colony on Culion Island ready for occupancy has progressed satisfactorily. Incomplete returns of lepers show 2,279 males and 1,223 females.

Sanitary inspections.—In the city of Manila there were 26,344 houses and premises inspected, as against 10,414 for the month of April.

Sanitary code for Manila.—Pursuant to Act No. 1150 of the Philippine Commission and by direction of the honorable Secretary of the Interior, a committee was appointed to draft a sanitary code for Manila.

E. C. Carter,
Major and Surgeon, United States Army,
Commissioner of Public Health.

The Secretary of the Interior, *Manila, P. I.*

Population of Manila.

[Preliminary rough count of census of 1903.]

Americans	4,389
Filipinos	189,782
Spaniards	2,528
Other Europeans	1,117
Chinese	21,230
All others	895
Total	219,941

Deaths Occurring During the Month of May.

Americans	4
Filipinos	715
Spaniards	6
Other Europeans	0
Chinese	41
All others	0
Total	766

Annual Death Rate per Thousand for the Month.

Americans	10.73
Filipinos	44.38
Spaniards	27.95
Other Europeans	0
Chinese	22.75
All others	0
Average	41.03

Deaths by Age, including transients.

Under 30 days	93
30 days to 1 year	355
1 year to 2 years	19
2 years to 5 years	20
5 years to 10 years	9
10 years to 15 years	6
15 years to 20 years	24
20 years to 25 years	33
25 years to 30 years	49
30 years to 40 years	60
40 years to 50 years	52
50 years to 60 years	35
60 years to 70 years	26
70 years to 80 years	16
80 years to 90 years	8
90 years to 100 years	6
100 years and over	0
Unknown	3
Total	814

Stillbirths, 22.

Deaths by Districts, including transients.

District.	Deaths.	Population.	Rate per 1,000.
Walled City	42	11,463	43.16
Binondo	57	16,613	40.42
San Nicolas	54	29,059	21.89
Tondo	218	39,045	65.98
Santa Cruz	125	35,040	42.03
Quiapo	41	11,149	43.50
Sampaloc	95	18,779	59.60
San Miguel	34	8,838	45.32
Paco	22	6,725	38.54
Ermita	16	12,226	15.41
Malate	35	8,858	46.55
Pandacan	13	2,990	51.22
Santa Ana	11	3,255	39.81
Transient residents	48	15,901	35.56
Unknown	3		
Total	814	219,941	

A Classified Report of all Deaths Occurring in Manila, including 48 transients, During the Month of May, 1904.

Males.

Married	98
Widowers	21
Single	77
Boys	284
Condition not stated in certificate	8
Total	488

Stillbirths, 22.

Females.

Married	61
Widows	32
Single	20
Girls	212
Condition not stated in certificate	1
Total	326
Grand total	814

Number of deaths with medical attendance	391
Number of deaths without medical attendance	423
Total	814

Comparative Mortality from January 1, 1900, to May 31, 1904.

Month.	1900.		1901.		1902.		1903.		1904.	
	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.
January	[1]1,055	50.79	[1]753	36.25	[1]760	36.58	[1]602	28.~~98~~ 28	[2]796	42.64
February	[1]884	47.11	[1]689	36.72	[1]706	37.63	[1]511	27.23	[2]709	40.59
March	[1]887	42.70	[1]885	42.66	[1]770	37.06	[1]539	25.94	[2]751	40.23
April	[1]805	40.04	[1]886	44.07	[1]1,327	66.01	[1]549	27.31	[2]748	41.40
May	[1]732	35.24	[1]903	43.47	[1]1,688	81.26	[1]770	37.06	[2]766	41.03
June	[1]599	29.79	[1]621	30.89	[1]1,418	70.54	[1]592	29.45		
July	[1]787	37.88	[1]608	29.27	[1]2,223	107.02	[2]620	33.21		
August	[1]825	39.71	[1]702	33.79	[1]1,712	82.42	[2]862	46.17		
September	[1]1,027	50.01	[1]767	38.15	[1]1,132	56.31	[2]1,228	67.97		
October	[1]961	46.23	[1]855	41.16	[1]927	44.62	[2]1,217	65.19		
November	[1]976	48.48	[1]848	42.18	[1]1,035	51.48	[2]974	53.91		
December	[1]905	43.54	[1]858	41.30	[1]753	36.25	[2]894	47.89		

[1] Death rate computed on population of 244,732 (Health Department's census).
[2] Death rate computed on population of 219,941 (census 1903).

CAUSES OF DEATHS FOR THE MONTH OF MAY, 1904.

(STILLBIRTHS NOT INCLUDED.)

	Nomenclature Designed for the Statistics of Death.	Nomenclatura para las Estadísticas de Defunciones.	Americans. M.	Americans. F.	Foreigners. M.	Foreigners. F.	Filipinos. M.	Filipinos. F.	Chinese. M.	Chinese. F.	Total.
	I. General Diseases.	**I. Enfermedades Generales.**									
1	Typhoid fever (abdominal typhus)	Fiebre tifoidea					4	4			8
2	Exanthematic typhus	Tifus exantemático									
3	Recurrent fever	Fiebre recurrente									
4	Intermittent fever and malarial cachexia	Fiebre intermitente					6	5	1		12
4a	Malarial cachexia	Caquexia palúdica					2	1	1		4
5	Variola	Viruelas	2				3	1			6
6	Measles	Sarampión									
7	Scarlatina	Escarlatina									
8	Whooping cough	Tos ferina									
9	Diphtheria and croup	Difteria y crup									
9a	Diphtheria	Difteria									
10	Grippe	Gripe					1	1			2
11	Miliary fever	Fiebre miliar									
12	Asiatic cholera	Cólera asiático									
13	Cholera nostras	Cólera nostras									
14	Dysentery	Disentería					5	8	2		15
14a	Epidemic dysentery	Disentería epidémica									
15	Plague	Peste					5	2	9		16
16	Yellow fever	Fiebre amarilla									
17	Leprosy	Lepra					3				3
18	Erysipelas	Erisipelas						1			1
19	Other epidemic affections (beri-beri)	Otras afecciones epidémicas (Beri-beri)					8	6	3		17
20	Purulent infection and septicemia	Infección purulenta y septicemia					1				1
21	Glanders and farcy	Muermo y lamparones									
22	Malignant pustule and anthrax	Pústula maligna y antrax									
23	Rabies	Rabia									
24	Actinomycosis, trichinosis, etc	Actinomicosis, trichinosis, etc									
25	Pellagra	Pelagra									
26	Tuberculosis of larynx	Tuberculosis de la laringe					5	3			8
27	Tuberculosis of lungs	Tuberculosis del pulmón					45	36	15		96
28	Tuberculosis of meninges	Tuberculosis de las meninges					3	2			5
29	Tuberculosis of abdomen	Tuberculosis abdominal					3	3			6
30	Pott's disease	Mal de Pott									
31	Cold abscess and abscess by congestion	Abscesos fríos y por congestión									
32	White swellings	Tumores blancos									
33	Tuberculosis of other organs	Tuberculosis de otros órganos									
34	Generalized tuberculosis	Tuberculosis generalizada					1				1
35	Scrofula	Escrófula					1				1
36	Syphilis	Sífilis					3				3
37	Gonorrhea of the adult	Blenorragia en los adultos									
38	Gonococcic infections of children	Afecciones gonocócicas en los niños									
39	Cancer and other malignant tumors of the buccal cavity.	Cáncer ú otros tumores malignos en la cavidad bucal									
40	Cancer and other malignant tumors of the stomach and liver.	Cáncer ú otros tumores malignos del estómago ó hígado.									
41	Cancer and other malignant tumors of peritoneum, intestines, and rectum.	Cáncer ú otros tumores malignos del peritoneo, intestinos y recto.									
42	Cancer and other malignant tumors of the female genitals.	Cáncer ú otros tumores malignos de los órganos genitales de la mujer.									
43	Cancer and other malignant tumors of the breast	Cáncer ú otros tumores malignos de la mama									
44	Cancer and other malignant tumors of the skin	Cáncer ú otros tumores malignos de la piel									
45	Cancer and other malignant tumors of other organs and organs not specified.	Cáncer ú otros tumores malignos en otros órganos					1	1			2
46	Other tumors (tumors of the female genitals excepted).	Otros tumores (exceptuándose los de los órganos genitales de la mujer.)									
47	Acute articular rheumatism	Reumatismo articular agudo									
48	Chronic rheumatism and gout	Reumatismo crónico y gota					1				1
49	Scurvy	Escorbuto					1				1
50	Diabetes	Diabetes									
51	Exophthalmic goiter	Bocio exoftálmico									
52	Addison's disease	Enfermedad bronceada de Addison									
53	Leukæmia	Leucemia									
54	Anæmia, chlorosis	Anemia, clorosis					2				2
55	Other general diseases	Otras enfermedades generales									
56	Acute alcoholism, or chronic	Alcoholismo agudo ó crónico									
57	Lead poisoning	Saturnismo									
58	Other poisonings incident to occupations	Otras intoxicaciones profesionales crónicas									
59	Other chronic poisonings	Otros envenenamientos crónicos									
	II. Diseases of the Nervous System and the Organs of Special Sense.	**II. Enfermedades del Sistema Nervioso y de los Órganos de los Sentidos.**									
60	Encephalitis	Encefalitis									
61	Simple meningitis	Meningitis simple				1	17	12	1		31
61a	Epidemic cerebro-spinal meningitis	Meningitis cérebro-espinal epidémica									
62	Progressive locomotor ataxia	Ataxia locomotriz progresiva									
63	Other diseases of the spinal cord	Otras enfermedades de la médula espinal									
64	Cerebral congestion and hemorrhage	Congestión y hemorragia cerebrales	1		1		4	3			9
65	Cerebral softening	Reblandecimiento cerebral									
66	Paralysis without apparent cause	Parálisis sin indicación de causa									
67	General paralysis	Parálisis generales					1	3			4

CAUSES OF DEATHS FOR THE MONTH OF MAY, 1904—Continued.

	Nomenclature Designed for the Statistics of Death.	Nomenclatura para las Estadísticas de Defunciones.	Americans. M.	Americans. F.	Foreigners. M.	Foreigners. F.	Filipinos. M.	Filipinos. F.	Chinese. M.	Chinese. F.	Total.
	II.—Diseases of the Nervous System and the Organs of Special Sense—Continued.	**II.—Enfermedades del Sistema Nervioso y de los Órganos de los Sentidos**—Continuación.									
68	Other forms of insanity	Otras formas de alineación mental									
69	Epilepsy	Epilepsia									
70	Eclampsia (nonpuerperal)	Eclampsia (no puerperal)					19	11			30
71	Convulsions of children	Convulsiones en los niños					135	107	1		243
72	Tetanus	Tétano					2	4			6
73	Chorea	Corea									
74	Other diseases of the nervous system	Otras enfermedades del sistema nervioso					5	1			6
75	Diseases of the eye and its adnexa	Enfermedades de ojos y sus anexos									
76	Diseases of the ear	Enfermedades de los oídos									
	III.	**III.**									
	Diseases of the Circulatory System.	**Enfermedades del Aparato Circulatorio.**									
77	Pericarditis	Pericarditis									
78	Acute endocarditis	Endocarditis aguda									
79	Organic disease of the heart	Enfermedades orgánicas del corazón					1	4			5
80	Angina pectoris	Angina de pecho					1	1			2
81	Affections of the arteries (atheroma, aneurism, etc.)	Afecciones de las arterias, etc					2	2			4
82	Embolus and thrombosis	Embolia y trombosis						1			1
83	Affections of the veins (varices, hemorrhoides, phlebitis)	Afecciones de las venas									
84	Affections of the lymphatic system (lymphangitis, etc.)	Afecciones del sistema linfático									
85	Hemorrhages	Hemorragias									
86	Other affections of the circulatory system	Otras afecciones del aparato circulatorio									
	IV.	**IV.**									
	Diseases of the Respiratory System.	**Enfermedades del Aparato Respiratorio.**									
87	Diseases of the nasal fosse	Enfermedades de las fosas nasales									
88	Affections of the larynx	Afecciones de la laringe									
89	Affections of the thyroid body	Afecciones del cuerpo tiroideo									
90	Acute bronchitis	Bronquitis aguda			1		17	14			32
91	Chronic bronchitis	Bronquitis crónica					25	11	2		38
92	Broncho-pneumonia	Bronco-pneumonía					1	1			2
93	Pneumonia	Pneumonía					5	1			6
94	Pleurisy	Pleuresía									
95	Pulmonary congestion and apoplexy	Congestión apoplegía pulmonares					1	1			2
96	Gangrene of the lungs	Gangrena del pulmón									
97	Asthma	Asma					1	1			2
98	Pulmonary emphysema	Enfisema pulmonar									
99	Other diseases of the respiratory system (phthisis excepted).	Otras enfermedades del aparato respiratorio (exceptuándose la tisis).									
	V.	**V.**									
	Diseases of Digestive System.	**Enfermedades del Aparato Digestivo.**									
100	Affections of the mouth and its adnexa	Afecciones de la boca y de sus anexos						1			1
101	Affections of the pharynx	Afecciones de la faringe									
102	Affections of the esophagus	Afecciones del esófago									
103	Ulcer of the stomach	Ulcera del estómago									
104	Other affections of the stomach (cancer excepted)	Otras afecciones del estómago (exceptuándose el cáncer).					1				1
105	Diarrhea and enteritis (under 2 years)	Diarrea y enteritis (en niños menores de 2 años)				1	2	3	1		7
105a	Chronic diarrhea and enteritis	Diarrea y enteritis crónica					15	10			25
106	Diarrhea and enteritis (2 years and over)	Diarrea y enteritis (en niños de 2 ó más años)					2				2
107	Intestinal parasites	Parásitos intestinales					1	1			2
108	Hernias; intestinal obstructions	Hernias; obstrucciones intestinales						1			1
109	Other affections of the intestines	Otras afecciones del intestino									
110	Acute yellow atrophy of the liver	Ictericia grave					2	1			3
111	Hydatid tumors of the liver	Tumores hidátidicos del hígado									
112	Cirrhosis of the liver	Cirrosis del hígado					1				1
113	Biliary calculi	Cálculos biliares									
114	Other affections of the liver	Otras afecciones del hígado					1				1
115	Affections of the spleen	Afecciones del bazo									
116	Simple peritonitis (puerperal excepted)	Peritonitis simple (exceptuándose la puerperal)					2	2			4
117	Other affections of the digestive system (cancer and tuberculosis excepted).	Otras afecciones del aparato digestivo (exceptuándose el cáncer y tuberculosis).									
118	Appendicitis and abscess of the iliac fossa	Apendicitis y filimón de la fosa iliaca					1				1
	VI.	**VI.**									
	Diseases of the Genito-Urinary System and its Adnexa.	**Enfermedades del Aparato Génito Urinario y de sus Anexos.**									
119	Acute nephritis	Nefritis aguda			1		1	3	1		6
120	Bright's disease	Mal de bright			1			3	1		5
121	Other diseases of the kidneys and their adnexa	Otras enfermedades de los riñones y de sus anexos									
122	Calculi of the urinary tract	Cálculos de las vías urinarias									
123	Diseases of the bladder	Enfermedades de la vegiga									
124	Diseases of the urethra, urinary abscess, etc	Enfermedades de la uretra									
125	Diseases of the prostate	Enfermedades de la próstata									
126	Nonvenereal diseases of the male genital organs	Enfermedades no venereas de los órganos genitales del hombre.									
127	Metritis	Metritis									
128	Uterine hemorrhage (nonpuerperal)	Hemorragia uterina (no puerperal)									
129	Tumor, uterine (noncancerous)	Tumor uterino (no canceroso)									
130	Other diseases of the uterus	Otras enfermedades del útero									
131	Cysts and other tumors of the ovary	Quistes y otros tumores del ovario									
132	Other diseases of the female genital organs	Otras enfermedades de los órganos genitales de la mujer.						1			1
133	Nonpuerperal diseases of the breast (cancer excepted)	Enfermedades no puerperales de la mama (exceptuándose el cáncer).									

CAUSES OF DEATHS FOR THE MONTH OF MAY, 1904—Continued.

	Nomenclature Designed for the Statistics of Death.	Nomenclatura para las Estadísticas de Defunciones.	Americans. M.	Americans. F.	Foreigners. M.	Foreigners. F.	Filipinos. M.	Filipinos. F.	Chinese. M.	Chinese. F.	Total.
	VII.	**VII.**									
	The Puerperal State.	**Estado Puerperal.**									
134	Accidents of pregnancy	Accidentes de la preñez	----	----	----	----	----	----	----	----	----
135	Puerperal hemorrhage	Hemorragia puerperal	----	----	----	----	----	2	----	----	2
136	Other accidents of labor	Otros accidentes del parto	----	----	----	----	----	----	----	----	----
137	Puerperal septicemia	Septicemia puerperal	----	----	----	----	----	3	----	----	3
138	Albuminuria and puerperal eclampsia	Albuminuria y eclampsia puerperales	----	----	----	----	----	1	----	----	1
139	Puerperal phlegmasia alba dolens	Flegmasia alba dolens puerperal	----	----	----	----	----	----	----	----	----
140	Other puerperal accidents—sudden death	Otros accidentes puerperales—muerte repentina	----	----	----	----	----	----	----	----	----
141	Puerperal diseases of the breast	Enfermedades puerperales de la mama	----	----	----	----	----	----	----	----	----
	VIII.	**VIII.**									
	Diseases of the Skin and Cellular Tissue.	**Enfermedades de la Piel y del Tejido Celular.**									
142	Gangrene	Gangrena	----	----	----	----	----	----	----	----	----
143	Furuncle	Forúnculo	----	----	----	----	----	----	----	----	----
144	Warm-acute abscess	Abscesos calientes agudos	----	----	----	----	----	----	----	----	----
145	Other diseases of the skin and its adnexa	Otras enfermedades de la piel	----	----	----	----	----	----	----	----	----
	IX.	**IX.**									
	Diseases of the Organs of Locomotion.	**Enfermedades de los Órganos de la Locomoción.**									
146	Affections of the bones (nontuberculous)	Afecciones de los huesos (exceptuando la tuberculosis)	----	----	----	----	----	----	----	----	----
147	Diseases of the joints (tuberculosis and rheumatism excepted).	Afecciones de las articulaciones (exceptuando la tuberculosis y el reumatismo).	----	----	----	----	----	----	----	----	----
148	Amputation	Amputación	----	----	----	----	----	----	----	----	----
149	Other affections of the organs of locomotion	Otras afecciones de los órganos de la locomoción	----	----	----	----	----	----	----	----	----
	X.	**X.**									
	Malformations.	**Vicios de Conformación.**									
150	Congenital malformations (stillbirths excepted)	Vicios de conformación congénitos (exceptuándose los de niños nacidos muertos).	----	----	----	----	1	3	----	----	4
	XI.	**XI.**									
	Early Infancy.	**Primera Infancia.**									
151	Congenital debility, icterus and sclerema	Debilidad congénita, ictericia y esclerema	----	----	----	----	16	12	----	----	28
152	Other special diseases of early infancy	Otras enfermedades especiales de la primera edad	----	----	----	----	2	4	----	----	6
153	Lack of care	Falta de cuidados	----	----	----	----	----	----	----	----	----
	XII.	**XII.**									
	Old Age.	**Vejez.**									
154	Senile debility	Debilidad senil	----	----	----	----	8	7	----	----	15
	XIII.	**XIII.**									
	Affections Produced by External Causes.	**Afecciones Producidas por Causas Exteriores.**									
155	Suicide by poison	Suicidio por envenenamiento	----	----	----	----	----	----	----	----	----
156	Suicide by asphyxia	Suicidio por asfixia	----	----	----	----	----	----	----	----	----
157	Suicide by hanging or strangulation	Suicidio por suspensión ó por estrangulación	----	----	----	----	----	----	----	----	----
158	Suicide by submersion	Suicidio por submersión	----	----	----	----	----	----	----	----	----
159	Suicide by firearms	Suicidio por armas de fuego	----	----	----	----	----	----	----	----	----
160	Suicide by cutting instruments	Suicidio por instrumentos cortantes	----	----	----	----	----	----	----	----	----
161	Suicide by jumping from high place	Suicidio por dejarse caer desde un punto elevado	----	----	----	----	----	----	----	----	----
162	Suicide by crushing	Suicidio por aplastamiento	----	----	----	----	----	----	----	----	----
163	Other suicides	Otros suicidios	----	----	----	----	----	----	----	----	----
164	Fractures	Fracturas	1	----	----	----	----	----	----	----	1
165	Dislocations	Luxaciones	----	----	----	----	----	----	----	----	----
166	Other accidental traumatisms	Otros traumatismos accidentales	----	----	----	----	2	----	----	----	2
167	Burns	Quemaduras por el fuego	----	----	----	----	----	----	1	----	1
168	Burning by corrosive substances	Quemaduras por substancias corrosivas	----	----	----	----	----	----	----	----	----
169	Insolation	Insolación	----	----	----	----	----	----	----	----	----
170	Freezing	Congelación	----	----	----	----	----	----	----	----	----
171	Electrical shocks	Conmoción eléctrica	----	----	----	----	----	----	----	----	----
172	Accidental submersion	Submersión accidental	----	----	----	----	1	----	1	----	2
173	Inanition	Inanición	----	----	----	----	----	1	----	----	1
174	Inhalation of deleterious gases (suicide excepted)	Absorción de gases deletéreos	----	----	----	----	----	----	----	----	----
175	Other acute poisonings	Otros envenenamientos agudos	----	----	----	----	----	1	----	----	1
176	Other external violence	Otras violencias exteriores	----	----	----	----	1	----	1	----	2
	XIV.	**XIV.**									
	Ill-Defined Diseases.	**Enfermedades mal Definidas.**									
177	Dropsy	Hidropesía	----	----	----	----	----	----	----	----	----
178	Sudden death	Muerte repentina	----	----	----	----	----	----	----	----	----
179	Unspecified or ill-defined causes of death	Causas de muerte no especificadas ó mal definidas	----	----	----	----	1	1	----	----	2
	Total		4	----	4	2	402	313	41	----	766
	Grand total		4		6		715		41		766

NUMBER OF DEATHS BY RACE, SEX, AND AGE.

CAUSE OF DEATH.	Less than one day to thirty days.								From thirty days to one year.								From one to five years.								From five to ten years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
I. General Diseases.																																
1. Typhoid fever (abdominal typhus)																															1	
4. Intermittent fever and malarial cachexia														1							3								1			
4a. Malarial cachexia													1	1																		
5. Variola																																
6. Measles																																
8. Whooping cough																																
10. Grippe																																
12. Cholera, Asiatic																																
13. Cholera nostras														1							1	1							1			
14. Dysentery																															1	
15. Plague																																
17. Leprosy														1																		
18. Erysipelas																					1											
19. Other epidemic affections (beri-beri)																					1											
20. Purulent infection and septicæmia																																
23. Rabies																																
26. Tuberculosis of larynx																					1											
27. Tuberculosis of lungs													1	1							2										1	
28. Tuberculosis of meninges																					1										1	
29. Tuberculosis, abdominal																																
30. Pott's disease																																
31. Cold abscess, and abscess by congestion																																
33. Tuberculosis of other organs																																
34. Generalized tuberculosis													1																			
35. Scrofula													1																			
36. Syphilis																																
39. Cancer and other malignant tumors of the buccal cavity																																
40. Cancer and other malignant tumors of the stomach and liver																																
42. Cancer and other malignant tumors of the female genitals																																
45. Cancer and other malignant tumors of other organs, and organs not specified																																
47. Acute articular rheumatism																																
48. Chronic rheumatism and gout																													1			
49. Scurvy																																
53. Leukæmia																																
54. Anæmia chlorosis																																
55. Other general diseases																																
59. Other chronic poisonings																																
II. Diseases of the Nervous System and the Organs of Special Sense.																																
60. Encephalitis																																
61. Meningitis, simple					1	1							10	8							5	4										
63. Other diseases of the spinal cord																																
64. Cerebral congestion and hemorrhage																																
66. Paralysis without apparent cause																																
67. General paralysis																																
68. Other forms of insanity																																
69. Epilepsy													12	6																		
70. Eclampsia (nonpuerperal)					7	5							114	95	1						1	1										
71. Convulsions of children	1				26	14																										
72. Tetanus					2	4							4	1																		
74b. Other diseases of the nervous system																																
III. Diseases of the Circulatory System.																																
77. Pericarditis																																
78. Acute endocarditis																																
79. Organic disease of the heart																																
80. Angina pectoris																																
81. Affections of the arteries (atheroma, aneurism, etc.)																																
82. Embolus and thrombosis																																
85. Hemorrhages																																
86. Other affections of the circulatory system																																
IV. Diseases of the Respiratory System.																																
88. Affection of the larynx																			1		3											
90. Acute bronchitis							1						14	13							1	1									2	
91. Chronic bronchitis													17	11							1											
92. Broncho-pneumonia																																
93. Pneumonia																																
94. Pleurisy																																
95. Pulmonary congestion and apoplexy					1	1																										
97. Asthma																																
V. Diseases of the Digestive System.																																
100. Affections of the mouth and its adnexa																							1									
103. Ulcer of the stomach																																

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	Less than one day to thirty days.				From thirty days to one year.				From one to five years.				From five to ten years.			
	A.	E.	F.	C.	A.	E.	F.	C.	A.	E.	F.	C.	A.	E.	F.	C.
	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.
V. Diseases of the Digestive System—Cont'd.																
104. Other affections of the stomach (cancer excepted)							1									
105. Diarrhea and enteritis (under 2 years)			1			1	2	2 1			1					
105a. Diarrhea and enteritis, chronic							10	9			3					
106. Diarrhea and enteritis (2 years and over)											2					
107. Intestinal parasites											1	1				
108. Hernias: Intestinal obstructions							1	1								
110. Acute yellow atrophy of the liver																
112. Cirrhosis of the liver																
114. Other affections of the liver																
116. Simple peritonitis (puerperal excepted)																
117. Other affections of the digestive system (cancer and tuberculosis excepted)																
118. Appendicitis and abscess of the iliac fossa																
VI. Diseases of the Genito-Urinary System and its Adnexa.																
119. Acute nephritis								1								
120. Bright's disease								1								
122. Calculi of the urinary tract																
123. Diseases of the bladder																
127. Metritis																
132. Other diseases of the female genital organs																
133. Nonpuerperal diseases of the breast (cancer excepted)																
VII. The Puerperal State.																
135. Puerperal hemorrhage																
137. Puerperal septicæmia																
138. Albuminuria and puerperal eclampsia																
139. Puerperal phlegmasia—alba dolens																
140. Other puerperal accidents, sudden death																
VIII. Diseases of the Skin and Cellular Tissue.																
145. Other diseases of the skin and its adnexa																
IX. Diseases of the Organs of Locomotion.																
146. Affections of the bones (nontuberculous)																
X. Malformations.																
150. Congenital malformations (stillbirths excepted)			1					3								
XI. Early Infancy.																
151. Congenital debility, icterus, and sclerema			15	9			1	3								
152. Other special diseases of early infancy				2			2	1				1				
153. Lack of care																
XII. Old Age.																
154. Senile debility																
XIII. Affections Produced by External Causes.																
160. Suicide by cutting instruments																
164. Fractures																
166. Other accidental traumatisms																
167. Burns																
168. Burning by corrosive substances																
171. Electrical shocks																
172. Accidental submersion																
173. Inanition				1												
175. Other acute poisonings																
176. Other external violence																
XIV. Ill-Defined Diseases.																
177. Dropsy																
179. Unspecified or ill-defined causes of death																
Total	1		1	53 38			1	192 160	2			1		28 10		5 8 1
Grand total																

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From ten to fifteen years.								From fifteen to twenty years.								From twenty to twenty-five years.								From twenty-five to thirty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
I.																																
General Diseases.																																
1. Typhoid fever (abdominal typhus)						1							1	2																1		
4. Intermittent fever and malarial cachexia													1																			
4a. Malarial cachexia						1							3				1				1											
5. Variola																																
9a. Diphtheria						1							1																			
10. Grippe																															1	
12. Cholera, Asiatic																																
13. Cholera nostras														1					1										2	1		
14. Dysentery													2										1						2	1	4	
15. Plague																													2			
17. Leprosy																																
18. Erysipelas													1	2							2	1							1			
19. Other epidemic affections (beri-beri)																																
20. Purulent infection and septicæmia																																
23. Rabies													2								1	1							1			
26. Tuberculosis of larynx													1								6	5							11	3	1	
27. Tuberculosis of lungs					1																											
28. Tuberculosis of meninges														1															1			
29. Tuberculosis, abdominal																																
30. Pott's disease																																
31. Cold abscess and abscess by congestion																																
33. Tuberculosis of other organs																													1			
34. Generalized tuberculosis																																
35. Scrofula																																
36. Syphilis																																
39. Cancer and other malignant tumors of the buccal cavity																																
40. Cancer and other malignant tumors of the stomach and liver																																
42. Cancer and other malignant tumors of the female genitals																																
45. Cancer and other malignant tumors of other organs, and organs not specified																																
47. Acute articular rheumatism																					1											
48. Chronic rheumatism and gout																																
49. Scurvy																																
53. Leukæmia																																
54. Anæmia chlorosis																																
55. Other general diseases																																
59. Other chronic poisonings																																
II.																																
Diseases of the Nervous System and the Organs of Special Sense.																																
60. Encephalitis															1																	
61. Meningitis, simple																																
63. Other diseases of the spinal cord																									1							
64. Cerebral congestion and hemorrhage																					1											
66. Paralysis without apparent cause																																
67. General paralysis																																
68. Other forms of insanity																																
69. Epilepsy																																
70. Eclampsia (nonpuerperal)																																
71. Convulsions of children																																
72. Tetanus																																
74b. Other diseases of the nervous system																																
III.																																
Diseases of the Circulatory System.																																
77. Pericarditis																																
78. Acute endocarditis																																
79. Organic disease of the heart																							1						1	1		
80. Angina pectoris																																
81. Affections of the arteries (atheroma, aneurism, etc.)																																
82. Embolus and thrombosis																																
85. Hemorrhages																																
86. Other affections of the circulatory system																																
IV.																																
Diseases of the Respiratory System.																																
88. Affections of the larynx																																
90. Acute bronchitis																																
91. Chronic bronchitis																							1									
92. Broncho-pneumonia																					2								5	1		
93. Pneumonia																																
94. Pleurisy																																
95 Pulmonary congestion and apoplexy																																
97. Asthma																																
V.																																
Diseases of the Digestive System.																																
100. Affections of the mouth and its adnexa																																
103. Ulcer of the stomach																																

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From ten to fifteen years.								From fifteen to twenty years.								From twenty to twenty-five years.								From twenty-five to thirty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
V. Diseases of the Digestive System—Cont'd.																																
104. Other affections of the stomach (cancer excepted)																																
105. Diarrhea and enteritis (under 2 years)																																
105a. Diarrhea and enteritis, chronic						1																										
106. Diarrhea and enteritis (2 years and over)																																
107. Intestinal parasites																																
108. Hernias: Intestinal obstructions																																
110. Acute yellow atrophy of the liver																					1											
112. Cirrhosis of the liver																																
114. Other affections of the liver																																
116. Simple peritonitis (puerperal excepted)						1															1								2			
117. Other affections of the digestive system (cancer and tuberculosis excepted)																																
118. Appendicitis and abscess of the iliac fossa																																
VI. Diseases of the Genito-Urinary System and its Adnexa.																																
119. Acute nephritis															1								1									
120. Bright's disease																														1	1	
122. Calculi of the urinary tract																																
123. Diseases of the bladder																																
127. Metritis																														1		
132. Other diseases of the female genital organs																																
133. Nonpuerperal diseases of the breast (cancer excepted)																																
VII. The Puerperal State.																																
135. Puerperal hemorrhage																																
137. Puerperal septicæmia															1								2									
138. Albuminuria and puerperal eclampsia															2																	
140. Other puerperal accidents, sudden death																																
VIII. Diseases of the Skin and Cellular Tissue.																																
145. Other diseases of the skin and its adnexa																																
IX. Diseases of the Organs of Locomotion.																																
146. Affections of the bones (nontuberculous)																																
X. Malformations.																																
150. Congenital malformations (stillbirths excepted)																																
XI. Early Infancy.																																
151. Congenital debility, icterus, and sclerema																																
152. Other special diseases of early infancy																																
153. Lack of care																																
XII. Old Age.																																
154. Senile debility																																
XIII. Affections Produced by External Causes.																																
164. Fractures																									1							
166. Other accidental traumatisms																					1								1			
167. Burns																1																
168. Burning by corrosive substances																																
171. Electrical shocks																																
172. Accidental submersion																																
173. Inanition																																
175. Other acute poisonings																							1									
176. Other external violence																																
XIV. Ill-Defined Diseases.																																
177. Dropsy																																
179. Unspecified or ill-defined causes of death																																
Total					1	5							12	10	2		1		1		17	13	1		2				30	10	7	
Grand total																																

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From thirty to thirty-five years.								From thirty-five to forty years.								From forty to forty-five years.								From forty-five to fifty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
I.																																
General Diseases.																																
1. Typhoid fever (abdominal typhus)													3																			
4. Intermittent fever and malarial cachexia					1										1														1			
4a. Malarial cachexia																															1	
5. Variola	1																															
6. Measles																																
8. Whooping cough																																
10. Grippe																																
12. Cholera, Asiatic																																
13. Cholera nostras																																
14. Dysentery						1							1									2	1								1	
15. Plague							1															1	1								1	
17. Leprosy																													1			
18. Erysipelas																																
19. Other epidemic affections (beri-beri)					2	2									1								1						2			
20. Purulent infection and septicæmia																																
23. Rabies																																
26. Tuberculosis of larynx													1																1	1		
27. Tuberculosis of lungs					3	4	4						6	3	5						4	4	3						2	4	2	
28. Tuberculosis of meninges																																
29. Tuberculosis, abdominal													1								1									1		
30. Pott's disease																																
31. Cold abscess and abscess by congestion																																
33. Tuberculosis of other organs																																
34. Generalized tuberculosis																																
35. Scrofula																																
36. Syphilis					1								1																			
39. Cancer and other malignant tumors of the buccal cavity																																
40. Cancer and other malignant tumors of the stomach and liver																																
42. Cancer and other malignant tumors of the female genitals																																
45. Cancer and other malignant tumors of other organs, and organs not specified																																
47. Acute articular rheumatism																																
48. Chronic rheumatism and gout																																
49. Scurvy																																
53. Leukæmia																																
54. Anæmia chlorosis																													1			
55. Other general diseases																																
59. Other chronic poisonings																																
II.																																
Diseases of the Nervous System and the Organs of Special Sense.																																
60. Encephalitis																																
61. Meningitis, simple																																
63. Other diseases of the spinal cord																																
64. Cerebral congestion and hemorrhage													1														1			1		
66. Paralysis without apparent cause																																
67. General paralysis																																
68. Other forms of insanity																																
69. Epilepsy																																
70. Eclampsia (nonpuerperal)																																
71. Convulsions of children																																
72. Tetanus																																
74b. Other diseases of the nervous system					1																											
III.																																
Diseases of the Circulatory System.																																
77. Pericarditis																																
78. Acute endocarditis																																
79. Organic disease of the heart														1									1							1		
80. Angina pectoris					1																											
81. Affections of the arteries (atheroma, aneurism, etc.)																																
82. Embolus and thrombosis						1																										
85. Hemorrhages																																
86. Other affections of the circulatory system																																
IV.																																
Diseases of the Respiratory System.																																
88. Affection of the larynx																																
90. Acute bronchitis																																
91. Chronic bronchitis																																
92. Broncho-pneumonia																											1					
93. Pneumonia					2								1								1								1			
94. Pleurisy																																
95. Pulmonary congestion and apoplexy																																
97. Asthma																																

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From thirty to thirty-five years.								From thirty-five to forty years.								From forty to forty-five years.								From forty-five to fifty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
V. Diseases of the Digestive System.																																
104. Other affections of the stomach (cancer excepted)																																
105. Diarrhea and enteritis (under 2 years)																																
105a. Diarrhea and enteritis, chronic																																
106. Diarrhea and enteritis (2 years and over)																																
107. Intestinal parasites																																
108. Hernais: Intestinal obstructions																																
110. Acute yellow atrophy of the liver																													1			
112. Cirrhosis of the liver																													1			
114. Other affections of the liver																														1		
116. Simple peritonitis (puerperal excepted)																																
117. Other affections of the digestive system (cancer and tuberculosis excepted																																
118. Appendicitis and abscess of the iliac fossa														1																		
VI. Diseases of the Genito-Urinary System and its Adnexa.																																
119. Acute nephritis																							1				1		1			
120. Bright's disease											1		1																			
122. Calculi of the urinary tract																																
123. Diseases of the bladder																																
127. Metritis																																
132. Other diseases of the female genital organs																																
133. Nonpuerperal diseases of the breast (cancer excepted)																																
VII. The Puerperal State.																																
135. Puerperal hemorrhage															2																	
137. Puerperal septicæmia							1																									
138. Albuminuria and puerperal eclampsia																																
140. Other puerperal accidents, sudden death																																
VIII. Diseases of the Skin and Cellular Tissue.																																
145. Other diseases of the skin and its adnexa																																
IX. Diseases of the Organs of Locomotion.																																
146. Affections of the bones (nontuberculous)																																
X. Malformations.																																
150. Congenital malformations (stillbirths excepted)																																
XI. Early Infancy.																																
151. Congenital debility, icterus, and sclerema																																
152. Other special diseases of early infancy																																
153. Lack of care																																
XII. Old Age.																																
154 Senile debility																																
XIII. Affections Produced by External Causes.																																
164. Fractures																						1										
166. Other accidental traumatisms																																
167. Burns																																
168. Burning by corrosive substances																																
172. Accidental submersion																																
173. Inanition																																
175. Other acute poisonings																																
176. Other external violence						1		1																								
XIV. Ill-Defined Diseases.																																
179. Unspecified or ill-defined causes of death							1																						1			
Total	1				12	10	6				1		17	6	7						7	7	8				3		13	9	5	
Grand total																																

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From fifty upward.								Unknown.								Total.								Grand total.
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
I.																									
General Diseases.																									
1. Typhoid fever (abdominal typhus)																					4	4			8
4. Intermittent fever and malarial cachexia					1	3															6	5	1		12
4a. Malarial cachexia																					2	1	1		4
5. Variola																	2				5	1			8
6. Measles																									
8. Whooping cough																									
9a. Diphtheria																									
10. Grippe																					1	1			2
12. Cholera, Asiatic																							1		1
14. Dysentery					1	1													1		6	8	2		17
15. Plague					1																5	2	9		16
17. Leprosy																					3				3
18. Erysipelas																						1			1
19. Other epidemic affections (beri-beri)						1	1														9	6	3		18
20. Purulent infection and septicæmia																					1				1
23. Rabies																									
26. Tuberculosis of larynx						1															6	3			9
27. Tuberculosis of lungs					13	14															48	37	15		100
28 Tuberculosis of meninges																					3	2			5
29. Tuberculosis, abdominal																					4	3			7
30. Pott's disease																									
31. Cold abscess, and abscess by congestion																									
33. Tuberculosis of other organs																									
34. Generalized tuberculosis																					1				1
35. Scrofula																					1				1
36. Syphilis																					3				3
39. Cancer and other malignant tumors of the buccal cavity																									
40. Cancer and other malignant tumors of the stomach and liver																									
43. Cancer and other malignant tumors of the breast																									
45. Cancer and other malignant tumors of other organs and organs not specified					1	1															1	1			2
47. Acute articular rheumatism																									
48. Chronic rheumatism and gout																					1				1
49. Scurvy																					1				1
53. Leukæmia																									
54. Anæmia chlorosis					1																2				2
55. Other general diseases																									
59. Other chronic poisonings																									
II.																									
Diseases of the Nervous System and the Organs of Special Sense.																									
60. Encephalitis																									
61. Meningitis, simple					1	1														1	17	13	1		32
63. Other diseases of the spinal cord																									
64. Cerebral congestion and hemorrhage					3	2											1		1		4	3			9
66. Paralysis without apparent cause																					1				1
67. General paralysis					1	3															1	3			4
68. Other forms of insanity																									
69. Epilepsy																									
70. Eclampsia (nonpuerperal)																					19	11			30
71. Convulsions of children																	1				141	110	1		253
72. Tetanus																					2	4			6
74b. Other diseases of the nervous system																					5	1			6
III.																									
Diseases of the Circulatory System.																									
77. Pericarditis																									
78. Acute endocarditis																									
79. Organic disease of the heart						1															1	4	1		6
80. Angina pectoris																					1	1			2
81. Affections of the arteries (atheroma, aneurism, etc.)					2	2															2	2			4
82. Embolus and thrombosis																						1			1
85. Hemorrhages																									
86. Other affections of the circulatory system																									
IV.																									
Diseases of the Respiratory System.																									
88. Affections of the larynx																									
90. Acute bronchitis					1														1		18	14			33
91. Chronic bronchitis					5		2														25	12	2		39
92. Broncho-pneumonia																			1		1	1			3
93. Pneumonia					1	1															13	2			15
94. Pleurisy																									
95. Pulmonary congestion and apoplexy																					1	1			2
97. Asthma					2	1															2	1			3
V.																									
Diseases of the Digestive System.																									
100. Affections of the mouth and its adnexa																						1			1
103. Ulcer of the stomach																									
104. Other affections of the stomach (cancer excepted)																					1				1
105. Diarrhea and enteritis (under 2 years)																				1	3	3	1		8
105a. Diarrhea and enteritis, chronic					2																15	10			25
106. Diarrhea and enteritis (2 years and over)																					2				2

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From fifty upward.				Unknown.				Total.				Grand total.
	A.	E.	F.	C.	A.	E.	F.	C.	A.	E.	F.	C.	
	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	
V. Diseases of the Digestive System—Continued.													
107. Intestinal parasites											1 1		2
108. Hernias: Intestinal obstructions				1								1	1
110. Acute yellow atrophy of the liver											2 1		3
112. Cirrhosis of the liver											1		1
114. Other affections of the liver											1		1
116. Simple peritonitis (puerperal excepted)											3 2		5
117. Other affections of the digestive system (cancer and tuberculosis excepted)													
118. Appendicitis and abscess of the iliac fossa											1		1
VI. Diseases of the Genito-Urinary System and its Adnexa.													
119. Acute nephritis										1	1 3	1	6
120. Bright's disease				1						1	1 3	1	6
122. Calculi of the urinary tract													
123. Diseases of the bladder													
127. Metritis												1	1
132. Other diseases of the female genital organs				1								1	1
133. Nonpuerperal diseases of the breast (cancer excepted)													
VII. The Puerperal State.													
135. Puerperal hemorrhage												2	2
137. Puerperal septicæmia												4	4
138. Albuminuria and puerperal eclampsia												2	2
139. Puerperal phlegmasia alba dolens													
140. Other puerperal accidents, sudden death													
VIII. Diseases of the Skin and Cellular Tissue.													
145. Other diseases of the skin and its adnexa													
IX. Diseases of the Organs of Locomotion.													
146. Affections of the bones (nontuberculous)													
X. Malformations.													
150. Congenital malformations (stillbirths excepted)											1 3		4
XI. Early Infancy.													
151. Congenital debility, icterus and sclerema											16 12		28
152. Other special diseases of early infancy											2 4		6
153. Lack of care													
XII. Old Age.													
154. Senile debility			9 8								9 8		17
XIII. Affections Produced by External Causes.													
160. Suicide by cutting instruments													
164. Fractures									1		1		2
166. Other accidental traumatisms											2		2
167. Burns												1	1
168. Burning by corrosive substances													
171. Electrical shocks													
172. Accidental submersion							1 1				1	1	2
173. Inanition												1	1
174. Inhalation of deleterious gases (suicide excepted)													
175. Other acute poisonings												1	1
176. Other external violence											1	1	2
XIV. Ill-Defined Diseases.													
177. Dropsy													
179. Unspecified or ill-defined causes of death							1				2 1		3
Total			45 43	3			2	1	5	6 2	434 324	43	814
Grand total									5	8	758	43	814

Number of Deaths, with Causes, Occurring Among Transients in Manila During the Month of May, 1904.

[These deaths are not included in preparing death rate of city.]

			Americans.		Foreigners.		Filipinos.		Chinese.		Total.
			M.	F.	M.	F.	M.	F.	M.	F.	
	I.	**I.**									
	General Diseases.	**Enfermedades Generales.**									
5	Variola	Viruela					2				2
12	Cholera, Asiatic	Cólera asiatico							1		1
14	Dysentery	Disentería			1		1				2
19	Other epidemic affections	Otras afecciones epidémicas					1				1
26	Tuberculosis of larynx	Tuberculo de la laringe					1				1
27	Tuberculosis of lungs	Tuberculo de los pulmones					3	1			4
29	Tuberculosis, abdominal	Tuberculo abdominal					1				1
	II.	**II.**									
	Diseases of the Nervous System and the Organs of Special Sense.	**Enfermedades del Sistema Nervioso y Otros Organos del Sentido Especial.**									
61	Meningitis, simple	Meningitis, simple						1			1
66	Paralysis without apparent cause	Paralisis sin causas especiales					1				1
71	Convulsions of children	Convulciones infantiles	1				6	3			10
	III.	**III.**									
	Diseases of the Circulatory System.	**Enfermedades del Aparato Circulatorio.**									
79	Organic disease of the heart	Enfermedades orgánicas del corazón							1		1
	IV.	**IV.**									
	Diseases of the Respiratory System.	**Enfermedades del Sistema Respiratorio.**									
90	Acute bronchitis	Bronquitis aguda					1				1
91	Chronic bronchitis	Bronquitis crónica						1			1
92	Broncho-pneumonia	Bronco-pneumonia			1						1
93	Pneumonia	Pneumonia					8	1			9
97	Asthma	Asma					1				1
	V.	**V.**									
	Diseases of Digestive System.	**Enfermedades del Aparato Digestivo.**									
105	Diarrhea and enteritis (under 2 years)	Diarrea y entiritis (2 años ó mas)					1				1
116	Simple peritonitis (puerperal excepted)	Peritonitis simple (excepto la puerperal)					1				1
	VI.	**VI.**									
	Diseases of the Genito-Urinary System and its Adnexa.	**Enfermedades del Aparato Génito Urinario y sus Anexos.**									
120	Bright's disease	Enfermedades de Bright					1				1
127	Metritis	Metritis						1			1
	VII.	**VII.**									
	The Puerperal State.	**Estado ó período Puerperal.**									
137	Puerperal septicæmia	Septicemia puerperal						1			1
138	Albuminuria and puerperal eclampsia	Albuminuria y eclamsia puerperal						1			1
	XII.	**XII.**									
	Old Age.	**Vejéz.**									
154	Senile debility	Debilidad senil					1	1			2
	XIII.	**XIII.**									
	Affections Produced by External Causes.	**Afecciones Producidas por Causas Externas.**									
164	Fractures	Fracturas					1				1
	XIV.	**XIV.**									
	Ill-Defined Diseases.	**Enfermedades mal definidas**									
179	Unspecified or ill-defined causes of death	Muerte por causas mal especificadas ó indefinidas					1				1
	Total		1		2		32	11	2		48

Bilibid Prison Report of Deaths Occurring During the Month of May, 1904.

	Presidio.				Carcel.				
	Filipinos.		Chinese.		Filipinos.		Chinese.		Total.
	M.	F.	M.	F.	M.	F.	M.	F.	
Smallpox	2								2
Intestinal ameblasis					1				1
Pulmonary tuberculosis	2		1		3				6
Abdominal tuberculosis	1				1				2
General incetiary tuberculosis	1								1
Tertiary syphilis of tongue					1				1
Paretic dementia					1				1
Cerebral thrombosis	1								1
Lobar pneumonia	4				7				11
Acute peritonitis	1								1
Senility (asthemia)					1				1
Fracture base of skull					1				1
Kala-azar (syncope)	1								1
Total	13		1		16				30

Condition:
- Single 11
- Married 17
- Unknown 2

Cemeteries:
- Norte 28
- Pasay 1
- Chinese 1

Of the total number of deaths occurring during the month of May, 1904, 814, including transients, 502 were of persons less than 16 years of age. Of the remaining 312 adults of both sexes only 180, classified below, had definite occupations:

Males:
- Laborers 42
- Sailors 3
- Merchants 7
- Carpenters 8
- Tailor 1

Males—Continued
- Students 2
- Clerks 7
- Cooks 4
- Electrician 1
- Farmers 3
- Drivers 6
- Engineer 1
- Butcher 1
- Silversmiths 2
- Bookkeeper 1
- Lawyer 1
- Draftsman 1
- Gardener 1
- Barber 1
- Opium dealer 1
- Servants 2
- Blacksmiths 3
- Pharmacist 1
- Fishermen 4
- Musician 1
- Cigar makers 4
- Painter 1
- Messengers 2
- Machinists 5
- Carriers 3
- Shoemaker 1
- Shopkeepers 2
- Actor 1
- Hatter 1
- Boatmen 2
- Fireman 1
- Mason 1
- Carriage makers 2
- Watch maker 1
- Tinner 1
- Catholic priest 1

Total 134

Females:
- Shopkeepers 7
- Laundry women 7
- Seamstresses 14
- Cigar makers 10
- Teacher 1
- Servants 3
- Cooks 2
- Merchant 1
- Landlady 1

Total 46

Grand total 180

Deaths by Age and Occupations, May, 1904.

Occupation.	From 5 to 10 years.	From 15 to 20 years.	From 20 to 25 years.	From 25 to 30 years.	From 30 to 35 years.	From 35 to 40 years.	From 40 to 45 years.	From 45 to 50 years.	From 50 years upward.	Total.
MALES.										
Laborers		2	3	11	4	4	6	5	7	42
Sailors			1		1		1			3
Merchants				2		3	1	1		7
Carpenters			1		1	1		2	3	8
Tailor								1		1
Students	2									2
Clerks		2			2	1		1	1	7
Cooks					1	1			2	4
Electrician					1					1
Farmers			1	2						3
Drivers				2		1			3	6
Engineer									1	1
Butcher						1				1
Silversmiths				1					1	2
Bookkeeper									1	1
Lawyer							1			1
Draftsman			1							1
Gardener									1	1
Barber			1							1
Opium dealer					1					1
Servants		1							1	2
Blacksmiths		1							2	3
Pharmacist							1			1
Fishermen					1			1	2	4
Musician			1							1
Cigar makers		1		2	1					4
Painter						1				1
Messengers		1		1						2
Machinists		1	1			1			2	5
Carriers			1					2		3
MALES—continued.										
Shoemaker			1							1
Shopkeepers					1			1		2
Actor								1		1
Hatter				1						1
Boatmen		1						1		2
Fireman						1				1
Mason							1			1
Carriage makers				1					1	2
Watch maker						1				1
Tinner							1			1
Catholic priest								1		1
Total	2	10	12	23	14	16	12	17	28	134
FEMALES.										
Shopkeepers			1	1			2	1	2	7
Laundry women		1		1	2				3	7
Seamstresses		1	4	1		3	1	1	3	14
Cigar makers		1			2	2	1		4	10
Teachers					1					1
Servants			1						2	3
Cooks			1		1					2
Merchant									1	1
Landlady								1		1
Total		3	7	3	6	5	4	3	15	46
Grand total	2	13	19	26	20	21	16	20	43	180

Births Reported in May, 1904.[1]

	Male.	Female.	Total.
Americans	5	3	8
Filipinos	319	285	604
Spaniards	1	2	3
Other Europeans			
Chinese	4	1	5
All others			
Total	329	291	620

[1] Incomplete.

Annual Birthrate per Thousand for the Month.

Americans	21.47
Filipinos	37.49
Spaniards	13.97
Other Europeans	0
Chinese	2.77
All others	0
Average	33.21

Report of Prescriptions Filled at the Municipal Dispensaries, Showing Districts, Sex, and Age of Persons to Whom Medicines Have Been Given During the Month of May, 1904.

Sanitary district.	Americans.				Foreigners.				Filipinos.				Chinese.				Total.
	Adults.		Children.		Adults.		Children.		Adults.		Children.		Adults.		Children.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
Station A, Sanitary District No. 1, San Nicolas									23	31	2						56
Station C, Sanitary District No. 2, Tondo	1								111	127	20	4					263
Station F, Sanitary District No 3, Quiapo									75	82	16	15					188
Station G, Sanitary District No. 4, Santa Cruz									48	38	10	11					107
Station I, Sanitary District No. 5, Sampaloc									107	47	56	19					229
Station J, Sanitary District No, 6, Intramuros									45	54	8	10					117
Station L, Sanitary District No. 7, Ermita, Malate, Paco, etc									60	59	28	32					179
Total	1								469	438	140	91					1,139

Report of Sick and Wounded City Poor Attended by Municipal Physicians During the Month of May, 1904.

Sanitary districts and physicians.	Americans.				Filipinos.				Chinese.				Total.	Cured.		Deaths.		Number of visits.
	Adults.		Children.		Adults.		Children.		Adults.		Children.							
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.		M.	F.	M.	F.	
Sanitary District No. 1, San Nicolas, Dr. V. Cavanna					13	8	3	1					25	10	8	1		177
Sanitary District No. 2, Tondo, Dr. V. Pantoja	1				43	44	6	6					100	34	32	4	1	441
Sanitary District No. 3, Quiapo, Dr. P. Gabriel					16	20	6	6					48	16	16	3	7	130
Sanitary District No. 4, Santa Cruz, Dr. C. Reyes					16	16	5	4					41	13	13	3	3	167
Sanitary District No. 5, Sampaloc, Dr. F. Castañeda					32	44	20	21					117	23	29	12	8	259
Sanitary District No. 6, Intramuros, Dr. F. Herrera					9	14	2	4					29	6	14			133
Sanitary District No. 7, Ermita, Malate, etc., Dr. J. B. Cabarrus					25	24	11	11					71	22	24	5	4	152
Total	1				154	170	53	53					431	124	136	28	23	1,459

Monthly Report of San Lazaro Hospital, Women's and Leper Departments, for May, 1904.

	Leper department.							Women's department.				
	Europeans.		Filipinos.		Chinese.		Total.	Americans.	Europeans.	Filipinas.	Japanese.	Total.
	M.	F.	M.	F.	M.	F.						
Number of patients in hospital at last report		1	132	85			218	1	2	81	52	136
Number of patients received during the month			4	3			7	2	1	45	44	92
Number of patients discharged cured			1				1	3	2	69	60	134
Number of deaths			3				3					
Number of patients escaped			2				2					
Number of patients remaining in hospital		1	130	88			219		1	57	36	94

Discharged, diagnosis not leprosy, 1 male Filipino. Died, 3 male Filipinos. Escaped, 2 male Filipinos. Discharged cured, 3 Americans, 1 European, 35 Japanese, and 57 Filipinas. Transferred to San Juan de Dios Hospital, 1 European. Discharged uncured to leave Islands, 1 Japanese.

Bilibid Prison Sick Report for the Month of May, 1904.

Diseases.	Total sick as per last report.	Taken since last report.	Died.	Discharged.	Total number sick this date.
Abdomidal tuberculosis		1	1		
Acute articular rheumatism		1		1	
Advanced tubercular ostitis of tibia and kneejoint. Amputation lower third of thigh		1			1
Beri-beri (dropsica)		1		1	
Bronchitis, acute		1		1	
Cerebral thrombosis		1	1		
Double thydrocele (radical operation)		1			1
Fever, malarial intermittent		10		8	2
Fracture base of skull		1	1		
Hernia and hydrocele (radical operation)		1			1
Hernia inguinal (radical operation)		1			1
Intestinal amebiasis	2	12	2	11	1
Intestinal and mesanteric tuberculosis		1	1		
Internal hemorrhoids	1			1	
Kala-azar (syncope)		1	1		
Lypoma of back (operation)		1		1	
Orchitis		1		1	
Paretic dementia		1	1		
Peritonitis, acute		1	1		
Pneumonia, lobar	7	33	11	25	4
Pulmonary edema		1		1	
Senility		1	1		
Smallpox	2	1	2	1	
Tertiary syphilis of tongue and larynx (lobar pneumonia)		1	1		
Tuberculosis	16	10	6	7	13
Total	28	85	30	59	24

Convalescents, 21; disabled, 123. Total number prisoners, 4,402.

General Inspection of Houses, Premises, Vaults, etc., with Improvements Ordered, Disinfected, Whitewashed, Cleaned, etc., by Medical Inspectors, Chief Sanitary Inspectors, and Sanitary Inspectors, for the Month of May, 1904.

1. Houses inspected by Chief Sanitary Inspector	1,454
2. Houses reinspected for verification of work ordered	234
3. Houses inspected by sanitary inspectors	18,591
4. Houses reinspected by sanitary inspectors	6,065
5. Houses ordered cleaned (written)	0
6. Houses ordered cleaned (verbal)	5,083
7. Houses cleaned	4,593
8. Houses ordered whitewashed and painted	29
9. Houses whitewashed and painted	1
10. Houses disinfected	88
11. Number of houses recommended condemned and removed	30
12. Number of houses condemned and removed	1
13. Number of localities where "squatters" are located	22
14. Number of samples of water from wells sent to Laboratory	0
15. Number of reports from same	0
16. Number of fire plugs opened or closed for sanitary purposes	0
17. Number of hydrants recommended reopened	0
18. Number of houses where garbage has not been removed for two days	85
19. Number of persons reported sick to municipal physicians	253
20. Cesspools and vaults ordered cleaned	168
21. Cesspools cleaned	142
22. Yards ordered cleaned	2,149
23. Yards cleaned	1,876
24. Yards ordered repaired (repaved, etc.)	0
25. Yards repaired	0
26. Number of cholera cases reported by sanitary inspectors	0
27. Number of cholera cases reported by Auxiliary Advisory Board	0
28. Number of cholera cases found "alive"	0
29. Number of cholera cases found "dead"	0
30. Number of orders issued during the month	259
31. Number of orders complied with during the month	264
32. Number of orders awaiting action	52
33. Number of orders pending in court	0
34. Number of food tiendas in districts	1,400
35. Number of persons convicted for violation of food-prohibition order	0
36. Average in visiting each street and barrio during month	7.9
37. Number of regular inspectors on duty	16
38. Number of emergency inspectors on duty	2
39. Number of leper cases sent to San Lazaro Hospital	4
40. Number of plague cases reported	17
41. Number of smallpox cases reported	20
42. Houses in which traps are set	18,576
43. Houses in which bane is placed	19
44. Traps set	49,243
45. Plates with ratsbane placed	285
46. Rats caught by rat catchers	12,031
47. Rats caught by traps	13,680
48. Rats caught by poison	0
49. Rats purchased	224
50. Rat catchers employed	73

Report of Operations of the Pail-Conservancy System for the Month of May, 1904.

PAIL COLLECTIONS.

Where cleaned.	Number of installations.	Pails in use.	Pails cleaned.
Private houses	705	873	24,922
Public buildings	47	135	3,937
Public closets	11	486	10,013
Provisional collections, 9 in use		136	3,948
Total Manila	763	1,630	42,820
Mariquina	131	200	6,200
Grand total	894	1,830	49,020

VAULTS CLEANED.

	Cleaned by odorless excavators.		
	Vaults cleaned.	Loads removed.	Gallons removed.
Private houses	28	89	44,500
Public buildings	8	243	121,500
Military buildings			
Total	36	332	166,000

VAULTS CLEANED.

	Cleaned by contractors.		
	Permits issued.	Vaults cleaned.	Barrels contents removed.
Private houses	248	248	2,925
Public buildings			
Military buildings	31		157
Total	279	248	3,082

Burials, May, 1904.

Cemeteries.	Number.
Loma (Government)	439
Norte (Government)	74
Paco (General Government)	14
Santa Cruz	7
Balic-balic	114
Binondo	14
Maytubig	41
Malate	34
Pandacan	23
Chinese	50
Santa Ana	18
American National Cemetery	4
San Pedro Macati	1
Sampaloc	2
Crematory	1
Total	836

Disinterments, May, 1904.

Paco	7
Binondo	1
Santa Cruz	6
Norte	1
Chinese	22
Total	37

Report of Crematories, May, 1904.

Disposition.	Crematories.		
	Palomar.	Santa Cruz.	Total.
Animals cremated:			
American horses	5	14	19
American mules	1	1	2
Australian horses	4	4	8
China horses	1	1	2
China mules	1		1
Filipino horses	21	55	76
Carabaos	6	3	9
Cows	21	25	46
Calves		11	11
Dogs	179	9	188
Goats	1	2	3
Cats	105	19	124
Monkeys	1	2	3
Fowls	491	30	521
Domestic birds	3	1	4
Pigs	11	10	21
Rats	18,486	6,868	25,354
Sheep		2	2
Deer		1	1
Total	19,337	7,058	26,395
Loads cremated:			
Garbage	2,426	945	3,371
Trade refuse	283	40	323
Market refuse	320	46	366
Organic matter	63		63
Waste	565	32	597
Manure	51		51
Total	3,708	1,063	4,771

Report of Action Taken on Licenses during the Month of May, 1904.

Business for which license is desired.	License applications approved.	License applications disapproved.	Total applications acted upon.	Applications awaiting action.
1. Aërated waters	3		3	
2. Bakeries	6	1	7	
3. Billiard table		1	1	
4. Boarding houses	2		2	
5. Bath house	1		1	
6. Chocolate, make and sell	2		2	
7. Drug stores	3		3	
8. Distilleries (perfumes)	3		3	
9. Dance hall		1	1	
10. Food native, make and sell	4	3	7	
11. Laundries	6		6	
12. Lime, make and sell	1		1	
13. Liquor, second class	2		2	
14. Restaurants	9	1	10	
15. Sweetmeats, make and sell	2		2	
16. Soap, make and sell	1		1	
17. Wine, native		4	4	
Total	45	11	56	

Report of Disinfections for the Month of May, 1904.

Diseases.	Number of disinfections.	Number of contacts.
Bubonic plague	17	50
Smallpox	22	259
Suspected cholera	1	3
Leprosy	2	14
Tumor	1	
Typhoid fever	1	
Consumption	1	
Rhinderpest	15	
Glanders	5	
Surra	4	
Insanitary condition	19	
Total	88	326

Report of Veterinary Division for the Board of Health for the Philippine Islands for the Month of May, 1904.

[JOHN G. SLEE, *Chief Veterinary Surgeon;* DAVID G. MOBERLY, *Assistant Chief Veterinary Surgeon.*]

On arrival in city:

Number of cattle inspected	3,023
Number of carabaos inspected	220
Number of horses inspected	250
Number of hogs inspected	3,947
Number of sheep inspected	26
Number of goats inspected	41
Number of other animals inspected	15
Total	7,522

In Government abattoir:

Number of cattle slaughtered	1,895
Number of hogs slaughtered	5,376

In Government abattoir—Continued.

Number of sheep slaughtered	16
Number of goats slaughtered	0
Total	7,287
Number of cattle condemned and cremated	5
Number of hogs condemned and cremated	21
Number of horses condemned for glanders	13
Number of horses condemned for surra	4
Number of other animals condemned	46
Total	89

Reports Received of Lepers Living in the Various Provinces of the Philippine Islands to May 31, 1904.

Province.	Race.	Number of men.	Number of women.	Children.		Single.		Married.		Wid-owers.	Widows.	Total.
				M.	F.	M.	F.	M.	F.			
Antique	Filipino	92	37	2	2	38	28	42	4	12	5	133
Batangas	do	36	17			27	6	5	8	4	3	53
Bataan	do	10	4	1	1	5		3	2	2	2	16
Benguet	Igorrote	31	10	1	1	1		21	10	9		43
Ambos Camarines	Filipino	33	17	1	1	24	12	8	5	1		52
Bulacan	do	17	9	2	1	12	6	5	3			29
Ilocos Norte	do	45	28	5	2	9	10	31	8	5	10	80
Ilocos Sur	do	176	84	4	2	101	50	61	22	14	12	266
Leyte	do	49	38	1	3	26	27	20	7	3	4	91
Masbate	do	51	35	25	10	22	15	27	15	2	5	121
Cagayan	do	57	42		3	25	11	25	28	7	3	102
Lepanto	do	14	4	1		5	1	8		1	3	19
Cavite	do	17	5		3	16	3	1			2	25
Nueva Ecija	do	44	24			19	12	23	7	2	5	68
Negros Occidental	do	26	11	5	1	17	10	8	1	1		43
Pampanga	do	8	5	2		3	1	5	3		1	15
Pangasinan	do	120	80	2	3	36	28	65	38	19	14	205
Rizal	do	41	24	2		17	14	21	7	3	3	67
Marinduque	do	1	1	1			1	1				3
Laguna	do	28	9			10	5	13	2	5	2	37
San Lazaro	do	108	79	22	10	71	43	26	19	11	17	219
Tarlac	do	27	24	11	4	7	9	18	10	2	5	66
Sorsogon	do	75	33	1	1	32	18	40	10	3	5	110
Romblon	do	13	14			5	9	8	4		1	27
Samar	do	39	32	13	8	15	11	21	18	3	3	92
Union	do	43	28	3		15	14	24	12	4	2	74
Zambales	do	58	35	2		30	15	24	15	4	5	95
Mindanao	Moro	140	74	3	3	86	44	45	18	9	12	220
Cebu	Filipino	171	89	5	4	136	64	32	22	3	3	269
Iloilo	do	231	66	11	2	113	37	94	9	24	20	310
Negros Oriental	do	66	42	6	2	27	23	32	14	7	5	116
Isabela de Luzon	do	18	4	1		3	1	10	3	5		23
Tayabas	do	1								1		1
Albay	do	68	33	1	1	30	18	27	10	11	5	103
Nueva Vizcaya	do	13	12	2		7	3	4	6	2	3	27
Abra	do	11	6			5	4	5	2	1		17
Bohol	do	46	46	5	1	20	19	23	21	3	6	98
Capiz	do	44	33	19	9	30	20	13	12	1	1	105
Surigao	do		1								1	1
Misamis	do	50	20	1		28	11	17	4	5	5	71
Total		2,118	1,155	161	78	1,073	603	856	379	189	173	3,512

Note.—This table has been compiled from former reports which are more or less inaccurate. A new census of the lepers is now being taken by the provincial boards of health throughout the Archipelago.

Reports received of Insane persons living in the Various Provinces of the Philippine Islands to May 31, 1904.

Province.	Race.	Number of Males.	Number of Females.	Children.		Single.		Married.		Wid-owers.	Widows.	Total.
				M.	F.	M.	F.	M.	F.			
Abra	Filipino	19	9			12	3	5	2	2	4	28
Albay	do	69	86	4	2	47	54	12	22	6	8	155
Ambos Camarines	do	73	62		3	50	37	19	16	4	6	135
Antique	do	29	24			23	7	4	15	2	2	53
Batangas	do	56	73	2	1	36	44	13	15	5	13	129
Bataan	do	11	10	1		4	3	5	3	1	4	21
Bohol	do	338	328	18	11	247	254	54	49	19	14	666
Bulacan	do	46	28			32	12	14	10		6	74
Capiz	do	36	36		1	18	17	13	11	5	7	72
Cavite	do	28	23			20	8	7	9	1	6	51
Cebu	do	448	336	11	3	351	268	68	51	18	14	784
Ilocos Norte	do	53	44	1		36	21	14	12	2	11	97
Ilocos Sur	do	89	86		2	61	56	22	20	6	8	175
Iloilo	do	98	91			64	46	24	21	10	24	189
Isabela	do	9	5			4	1	5	3		1	14
La Laguna	do	71	72	3	5	45	40	17	18	6	9	143
Lepanto-Bontoc	do	10	7			6	5	3		1	2	17
Masbate	do	17	19		1	12	11	4	4	1	3	36
Mindoro	do	9	7			8	4	1	2		1	16
Misamis	do	81	72	2	1	52	39	22	19	5	13	153
Nueva Ecija	do	30	17	1		24	11	3	4	2	2	47
Nueva Vizcaya	do	4	5			4	1		3		1	9
Negros Occidental	do	78	49	1	1	56	23	11	13	10	12	127
Pampanga	do	29	28			22	17	7	8		3	57
Pangasinan	do	93	86	6	5	45	44	26	22	16	15	179
Rizal	do	42	27			23	16	16	7	3	4	69
Romblon	do	22	5					16	4	6	1	27
Samar	do	32	28			23	20	4	4	5	4	60
Sorsogon	do	86	65			66	40	16	19	4	6	151
Tarlac	do	8	8			5	5	3	2		1	16
Tayabas	do	112	83	4	1	89	66	11	8	8	8	195
Union	do	29	15	1		16	10	10	4	2	1	44
Zambales	do	9	17			7	7	2	1		9	26
Total		2,164	1,851	55	37	1,508	1,190	451	401	150	223	4,015

Sanitary Engineer's Division—Number of Houses on which Work has been Completed, in Accordance with Orders Issued from this Office during May, 1904.

Sanitary districts.	Number.
Station A, San Nicolas	5
Station C, Tondo	1
Station F, Quiapo	8
Station G, Santa Cruz	5
Station I, Sampaloc	4
Station J, Intramuros	1
Station L, Ermita, Malate, Paco, etc	13
Total	37

Orders Issued and Complied with during theMonth.

District.	Complied with.	Issued.
Station A, San Nicolas	8	8
Station C, Tondo	4	6
Station F, Quiapo	3	3
Station G, Santa Cruz	3	1
Station I, Sampaloc	1	1
Station J, Intramuros	15	16
Station L, Ermita, Malate, etc.		2
Total	34	37

Tabulated Statement of the Amount of Vaccine Virus Distributed by the Board of Health during the Month of May, 1904.

	Units
Inhabitants of the Philippine Islands (Manila not included)	137,300
Used by public vaccinators and other institutions in the city of Manila	14,200
Total	151,500

Report of Vaccination, City of Manila, during the Month of May, 1904.

[SATURNINO ESPEJO, *Chief Vaccinator.*]

Sanitary districts.	Males.	Females.	Adults.	Children.	Results.		Total.
					Positive.	Negative.	
Sanitary District No. 1, San Nicolas	2,040	371	2,019	392	267	2,144	2,411
Sanitary District No. 2, Tondo	1,196	998	1,307	887	778	1,416	2,194
Sanitary District No. 3, Quiapo	446	146	403	189	81	511	592
Sanitary District No. 4, Santa Cruz	529	455	378	606	222	762	984
Sanitary District No. 5, Sampaloc	589	639	609	619	241	987	1,228
Sanitary District No. 6, Intramuros	677	184	678	183	400	461	861
Sanitary District No. 7, Ermita, Paco, etc	517	418	292	643	370	565	935
Total	5,994	3,211	5,686	3,519	2,359	6,846	9,205

Smallpox Report for Manila from May 1 to May 31, 1904.

	Cases.		Deaths.	
	M.	F.	M.	F.
Americans	9	1	2	
Filipinos	6	4	5	1
Europeans				
Chinese				
Total	15	5	7	1

	C.	D.
San Nicolas	1	
Tondo	5	3
Quiapo	3	
Santa Cruz	2	3
Sampaloc		
Intramuros	7	2
Ermita	1	
Malate	1	
Total	20	8

	C.	D.
Under 1 year	1	1
From 1 year to 5 years	2	1
From 5 year to 10 years	1	
From 10 years to 20 years	5	4
From 20 years to 30 years	3	
From 30 years to 40 years	4	1
From 40 years to 50 years	2	
From 50 years and above		
Unknown	2	1
Total	20	8

Number of cases found alive	19
Number of cases found dead	1
Total	20

Bubonic Plague Report for Manila from May 1 to May 31, 1904.

	Cases.		Deaths.	
	M.	F.	M.	F.
Americans				
Filipinos	5	2	5	2
Europeans				
Chinese	10		9	
Total	15	2	14	2

	Cases.	Deaths.
San Nicolas	9	8
Tondo	1	1
Quiapo		
Santa Cruz	3	3
Sampaloc	1	1
Intramuros	3	3
Ermita		
Total	17	16

	Cases.	Deaths.
From 1 year to 5 years		
From 5 years to 10 years	1	1
From 10 years to 20 years	2	2
From 20 years to 30 years	9	8
From 30 years to 40 years	1	1
From 40 years to 50 years	3	3
From 50 years and above	1	1
Total	17	16

Number of cases found alive	6
Number of cases founddead	11
Total	17

Epidemic of Cholera in the City of Manila and Provinces from March 20, 1902, to May 1, 1904.

Months.	Manila.		Provinces.	
	Cases.	Deaths.	Cases.	Deaths.
1902.				
March	108	90		
April	586	406	1,927	1,417
May	550	442	2,407	1,631
June	601	492	5,204	4,097
July	1,368	1,053	7,757	5,807
August	720	581	11,247	7,874
September	273	179	43,346	27,410
October	87	57	30,837	18,572
November	336	236	12,353	6,681
December	35	24	5,918	3,583
1903.				
January	7	4	4,921	2,757
February	2	1	2,997	2,009
March	6	6	1,903	1,124
April	33	27	1,772	1,147
1903—Continued.				
May	230	212	1,402	885
June	39	38	3,554	2,945
July	42	38	4,167	2,806
August	89	72	10,212	7,406
September	290	263	4,613	3,672
October	127	118	2,531	1,969
November	31	26	1,119	937
December	14	13	364	270
1904.				
January	4	5	35	24
February	3	3	61	42
March			23	10
April			1	
Total	5,581	4,386	160,671	105,075

Station of Mariquina, Rizal.—Monthly Sanitary Report for May, 1904.

Houses inspected by the Chief Sanitary Inspector	920
Houses reinspected for verification of work ordered	315
Houses inspected by sanitary inspectors	28,715
Houses reinspected by sanitary inspectors	4,368
Houses ordered cleaned	216
Houses cleaned	216
Houses disinfected	14
Number of persons reported sick to municipal physicians	79
Yards ordered cleaned	1,241
Yards cleaned	1,206
Yards ordered repaired (repaved, etc.)	98
Yards repaired	98
Number of regular inspectors on duty	1
Number of emergency inspectors on duty	17

Meteorological Data Deduced from Hourly Observations.

Date.	Barometer,[1] mean.		Temperature. Mean.		Temperature. Maximum.		Temperature. Minimum.		Relative humidity, mean.	Wind. Prevailing direction.	Wind. Total daily motion.		Wind. Maximum. Force.		Wind. Maximum. Direction.	Sunshine.	Rainfall.	
	Inches.	*mm.*	°*C.*	°*F.*	°*C.*	°*F.*	°*C.*	°*F.*	*Per ct.*		*Km.*	*Miles.*	*Km.*	*Miles.*		*h. m.*	*Inch.*	*mm.*
1	29.854	758.28	27.5	81.5	33.2	91.8	22.5	72.5	68.5	Variable	227	141	20	12	W. by S.	10-45		
2	29.827	57.60	28.1	82.6	32.7	90.9	22.4	72.3	73.2	SW.	265	165	22	14	SW.	10-00		
3	29.806	57.06	28.1	82.6	32.8	90.0	25.4	77.7	80.9	Variable.	125	78	14	9	WNW.	3-50		
4	29.792	56.69	28.2	82.8	31.6	88.9	24.6	76.3	79.7	SW.	348	216	32	20	SW. by W.	5-00		
5	29.808	57.11	28.6	83.5	32.1	89.8	24.1	75.4	76.0	SW. by W.	412	256	30	19	SW.	8-45		
6	29.840	57.92	28.3	82.9	32.1	89.8	23.5	74.3	75.5	SW.	268	167	28	18	SW.	10-30		
7	29.880	58.95	27.8	82.0	33.7	92.7	22.9	73.2	75.9	WSW.	150	93	19	12	SSW.	8-40		
8	29.915	59.83	27.5	81.5	33.2	91.8	23.3	73.9	79.9	W.	208	129	21	13	NW.	7-05	0.311	7.9
9	29.873	58.74	28.4	83.1	35.2	95.4	22.9	73.2	71.2	E.	213	132	20	12	E.	10-00		
10	29.846	58.08	26.6	79.9	30.3	86.5	22.6	72.7	76.8	Variable.	104	65	10	6	WSW.	3-15	0.087	2.2
11	29.830	57.68	25.2	77.4	26.8	80.2	23.6	74.5	92.0	Variable.	58	36	8	5	N.	0-00	0.543	13 8
12	29.813	57.23	24.4	75.9	25.4	77.7	21.9	71.4	94.3	NW.	64	40	14	9	NW.	0-00	0.716	18.2
13	29.814	57.24	26.7	80.1	33.2	91.8	22.7	72.9	79.0	SE.	205	127	22	14	SE. by S.	5-50	0.130	3.3
14	29.846	58.08	27.8	82.0	33.7	92.7	22.8	73.0	72.1	ESE.	222	138	23	14	ESE.	10-40		
15	29.859	58.41	26.6	79.9	31.4	88.5	22.4	72.3	84.2	NE., NNW.	127	79	16	10	WNW.	5-35	0.118	3.0
16	29.814	57.26	27.1	80.8	32.1	89.8	23.4	74.1	83.9	WSW.	228	142	27	17	SW.	10-25	0.039	1.0
17	29.770	56.15	27.3	81.1	32.0	89.6	22.7	72.9	79.6	Variable.	237	147	26	16	SW.	10-35	0.004	0.1
18	29.793	56.73	27.1	80.8	31.8	89.2	22.3	72.1	79.4	WSW.	222	138	28	18	WNW.	10-25		
19	29.792	56.69	27.6	81.7	32.6	90.7	23.0	73.4	77.0	SW.	236	147	24	15	SW.	9-30		
20	29.797	56.83	28.5	83.3	33.4	92.1	23.7	74.7	76.8	W.	218	135	22	14	WSW.	8-35		
21	29.814	57.26	29.3	84.7	32.7	90.9	25.1	77.2	76.4	SW., SE.	241	150	24	15	SW.	9-00		
22	29.832	57.73	29.6	85.3	33.6	92.5	25.1	77.2	74.9	W.	235	146	22	14	WSW.	11-10		
23	29.826	57.59	28.2	82.8	34.0	93.2	23.8	74.8	78.8	ESE.	152	94	20	12	WNW.	7-30	0.106	2.7
24	29.800	56.90	28.3	82.9	35.0	95.0	23.8	74.8	74.7	SE.	230	143	24	15	SE.	9-45		
25	29.827	57.61	27.6	81.7	34.8	94.6	24.4	75.9	77.5	Variable.	170	106	19	12	NE.	8-00		
26	29.835	57.81	27.8	82.0	34.8	94.6	22.7	72.9	76.6	NNE.	143	89	20	12	ESE.	7-00		
27	29.833	57.75	28.2	82.8	34.3	93.7	23.2	73.8	73.7	NNE., SE	182	113	17	11	WNW.	9-00		
28	29.837	57.86	28.5	83.3	34.3	93.7	23.9	75.0	76.6	Variable.	198	123	22	14	NW.	10-30	0.571	14.5
29	29.846	58.08	29.2	84.6	34.9	94.8	23.6	74.5	76.3	S., ESE.	150	93	16	10	NNW.	9-35		
30	29.843	58.00	29.0	84.2	34.3	93.7	24.2	75.6	71.5	SSE., W.	182	113	16	10	W.	10-30		
31	29.816	57.29	28.8	83.8	33.5	92.3	24.0	75.2	74.7	SW.	234	145	22	14	SW.	10-15	0.146	3.7
Mean	29.828	757.63	27.8	82.0	32.8	91.0	23.4	74.2	77.7		201.7	125.4	20.9	13.1		8-07		
Total											6,254	3,886				251-40	2.771	70.4

[1] Corrected for instrumental error and for temperature and reduced to sea level. Correction to standard gravity —1.72 mm. (—0.068 inch).

MONTHLY REPORT

OF THE

Board of Health for the Philippine Islands

AND

CITY OF MANILA,

JUNE, 1904.

TO THE HON. DEAN C. WORCESTER, SECRETARY OF THE INTERIOR.

E. C. CARTER, M. D., Major and Surgeon, U. S. Army,
Commissioner of Public Health.

T. R. MARSHALL, M. D.,
Chief Health Inspector for the Philippine Islands.

P. C. FREER, Ph. D., M. D.,
Superintendent of Government Laboratories.

H. D. OSGOOD, B. S.,
Sanitary Engineer for the Philippine Islands.

MANUEL GOMEZ MARTINEZ, M. D.,
Secretary, Board of Health.

MANILA:
BUREAU OF PUBLIC PRINTING.
1904.

20724

LETTER OF TRANSMITTAL.

DEPARTMENT OF THE INTERIOR,
BOARD OF HEALTH FOR THE PHILIPPINE ISLANDS,
OFFICE OF THE COMMISSIONER,
Manila, July 26, 1904.

SIR: I have the honor to submit the report of the Board of Health for the Philippine Islands and the city of Manila for the month of June, 1904:

Births and deaths.—Six hundred births and 800 deaths were reported in Manila during the month as compared with 626 births and 766 deaths for the month of May. Upon a basis of 219,941 as the population of the city there were 33.21 births and 44.28 deaths to each thousand of inhabitants. The birthrate is higher than the figures show and is unquestionably in excees of the death rate, but, as yet, the Board of Health has not been successful in its efforts to obtain accurate returns of the number of children born.

The principal causes of deaths in the city of Manila and the number of children who died before completing their first year are set forth in the following tabular statement:

Cause.	Total deaths.	Deaths under 1 year of age.
Convulsions of children	275	250
Tuberculosis of lungs	90	
Meningitis, simple	47	20
Other diseases of the nervous system	5	4
Diarrhea and enteritis, chronic	44	17
Acute bronchitis	36	26
Chronic bronchitis	36	22
Congenital debility, icterus and sclerema	33	31
Dysentery	31	1
Eclampsia, nonpuerperal	21	16
Beri-beri	17	
Diarrhea and enteritis, under 2 years	17	8
Diarrhea and enteritis, 2 years and over	5	
Other diseases of early infancy	5	3
Typhoid fever	14	
Intermittent fever and malarial cachexia	16	
Senile debility	11	
Pneumonia	11	
Cerebral congestion and hemorrhage	10	1
Tetanus	9	7
Organic disease of the heart	9	
Bright's disease	9	
Tuberculosis of larynx	7	
Chronic rheumatism	7	
Leprosy	5	
Angina pectoris	5	
Acute nephritis	5	
Variola	4	

There were 614 deaths, including 21 transients, during the month of June, 1903, the principal causes being given as convulsions of children, 128; pulmonary tuberculosis, 77; Asiatic cholera, 38; eclampsia, nonpuerperal, 34; acute bronchitis, 24; chronic bronchitis, 23; bubonic plague, 22; dysentery, 21; chronic diarrhea, 18; beri-beri, 17; malarial fever, 16; meningitis, 13; typhoid fever, 7; and smallpox, 3.

Forty-eight per cent of the deaths in the city of Manila during the month of June, 1904, occurred among children under one year of age, as compared with 53 per cent for the month of May.

Infectious diseases.—During the period included in this report, there were 2 cases of plague with 2 deaths, both victims being Chinese; 18,498 rats were caught as against 25,935 for the month of May. No plague bacilli were found in those examined at the Biological Laboratory.

Six cases of smallpox were registered in the city with 4 deaths; two of the fatal cases were Americans, one of whom was sent to the hospital during the month of May. Of the 6 cases for the month of June, 1 was an American and 5 were Filipinos. The American and two of the Filipinos died.

There were 161,975 units of vaccine virus issued by the Board of Health, of which 113,100 units were sent to the provinces. The number of vaccinations performed in Manila reached 18,728.

The general work of vaccinating the inhabitants of the entire Archipelago has been placed in the hands of the Chief Health Inspector, who is expediting it as rapidly as possible.

Insane.—Forty insane persons were transferred from Parian Police Station and Bilibid Prison to the Hospicio de San Jose. Incomplete returns show that there are 4,015 insane people in the various provinces—2,164 males and 1,851 females. Accommodations are needed for at least 5,000 insane patients.

Lepers.—The leper problem is rapidly approaching a satisfactory solution. It is hoped that the work of transferring the lepers to Culion Island will soon begin. The Board of Health has drafted and recommended to the Commission a bill for an act entitled "An act providing for the segregation, treatment, and care of lepers in the Philippine Islands." Incomplete returns show a total of 3,517 lepers—2,280 males and 1,237 females.

Sanitary code.—The committee appointed to draft a sanitary code for the city of Manila submitted its report on the 29th of June. The draft of the code contains 118 closely typewritten pages, and will require considerable time for discussion and revision, if done in accordance with the purpose of the Board to take it up chapter by chapter, and word by word, as its importance demands.

Sanitary inspections.—Twenty-nine thousand five hundred and eighty-four inspections and reinspections were made and 2,384 premises cleaned as a result of such inspections.

Veterinary division.—Seven thousand one hundred and two animals were inspected at the time they were brought into the city, and 6,792 inspected at the abattoir before being slaughtered, of which number 27 were condemned as unfit for food.

Very respectfully,

E. C. CARTER,
Major and Surgeon, United States Army,
Commissioner of Public Health.

The SECRETARY OF THE INTERIOR, *Manila, P. I.*

Population of Manila.

[Preliminary rough count of census of 1903.]

Americans	4,389
Filipinos	189,782
Spaniards	2,528
Other Europeans	1,117
Chinese	21,230
All others	895
Total	219,941

Deaths Occurring During the Month of June.

Americans	3
Filipinos	765
Spaniards	1
Other Europeans	3
Chinese	25
All others	2
Unknown	1
Total	800

Annual Death Rate per Thousand for the Month.

Americans	8.32
Filipinos	49.07
Spaniards	4.81
Other Europeans	32.69
Chinese	14.33
All others	27.29
Unknown	0
Average	44.28

Deaths by Age, including transients.

Under 30 days	89
30 days to 1 year	387
1 year to 2 years	53
2 years to 5 years	25
5 years to 10 years	18
10 years to 15 years	5
15 years to 20 years	17
20 years to 25 years	27
25 years to 30 years	54
30 years to 40 years	61
40 years to 50 years	35
50 years to 60 years	26
60 years to 70 years	22
70 years to 80 years	16
80 years to 90 years	5
90 years to 100 years	1
100 years and above	4
Unknown	2
Total	847

Stillbirths, 14.

Deaths by Districts, including transients.

District.	Population.	Deaths.
Walled City	11,463	37
Binondo	16,613	52
San Nicolas	29,059	45
Tondo	39,045	228
Santa Cruz	35,040	137
Quiapo	11,149	42
Sampaloc	18,779	92
San Miguel	8,838	27
Paco	6,725	31
Ermita	12,226	26
Malate	8,858	50
Pandacan	2,990	20
Santa Ana	3,255	11
Transient residents	15,901	47
Unknown		2
Total	219,941	847

A Classified Report of all Deaths Occurring in Manila, including transients, During the Month of June, 1904.

Males.

Married	81
Widowers	18
Single	64
Boys	313
Condition not stated in certificate	9
Total	485

Stillbirths, 14.

Females.

Married	56
Widows	28
Single	20
Girls	257
Condition not stated in certificate	1
Total	362
Grand total	847

Number of deaths with medical attendance	402
Number of deaths without medical attendance	445
Total	847

Comparative Mortality from January 1, 1900, to June 30, 1904.

Month.	1900.		1901.		1902.		1903.		1904.	
	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.
January	[1] 1,055	50.79	[1] 753	36.25	[1] 760	36.58	[1] 602	28.98	[2] 796	42.64
February	[1] 884	47.11	[1] 689	36.72	[1] 706	37.63	[1] 511	27.23	[2] 709	40.59
March	[1] 887	42.70	[1] 885	42.66	[1] 770	37.06	[1] 539	25.94	[2] 751	40.23
April	[1] 805	40.04	[1] 886	44.07	[1] 1,327	66.01	[1] 549	27.31	[2] 748	41.40
May	[1] 732	35.24	[1] 903	43.47	[1] 1,688	81.26	[1] 770	37.06	[2] 766	41.03
June	[1] 599	29.79	[1] 621	30.89	[1] 1,418	70.54	[1] 592	29.45	[2] 800	44.28
July	[1] 787	37.88	[1] 608	29.27	[1] 2,223	107.02	[2] 620	33.21		
August	[1] 825	39.71	[1] 702	33.79	[1] 1,712	82.42	[2] 862	46.17		
September	[1] 1,027	50.01	[1] 767	38.15	[1] 1,132	56.31	[2] 1,228	67.97		
October	[1] 961	46.23	[1] 855	41.16	[1] 927	44.62	[2] 1,217	65.19		
November	[1] 976	48.48	[1] 848	42.18	[1] 1,035	51.48	[2] 974	53.91		
December	[1] 905	43.54	[1] 858	41.30	[1] 753	36.25	[2] 894	47.89		

[1] Death rate computed on population of 244,732 (Health Department's census).
[2] Death rate computed on population of 219,941 (census 1903).

CAUSES OF DEATHS FOR THE MONTH OF JUNE, 1904.

(STILLBIRTHS NOT INCLUDED.)

	Nomenclature Designed for the Statistics of Death.	Nomenclatura para las Estadísticas de Defunciones.	Americans.		Foreigners.		Filipinos.		Chinese.		Total.
			M.	F.	M.	F.	M.	F.	M.	F.	
	I. General Diseases.	**I. Enfermedades Generales.**									
1	Typhoid fever (abdominal typhus)	Fiebre tifoidea					6	8			14
2	Exanthematic typhus	Tifus exantemático									
3	Recurrent fever	Fiebre recurrente									
4	Intermittent fever and malarial cachexia	Fiebre intermitente					8	2			10
4a	Malarial cachexia	Caquexia palúdica					2	2			4
5	Variola	Viruelas	1	1			1	1			4
6	Measles	Sarampión			1						1
7	Scarlatina	Escarlatina									
8	Whooping cough	Tos ferina									
9	Diphtheria and croup	Difteria y crup									
9a	Diphtheria	Difteria									
10	Grippe	Gripe									
11	Miliary fever	Fiebre miliar									
12	Asiatic cholera	Cólera asiático									
13	Cholera nostras	Cólera nostras									
14	Dysentery	Disenteria					18	8	4		30
14a	Epidemic dysentery	Disenteria epidémica									
15	Plague	Peste							2		2
16	Yellow fever	Fiebre amarilla									
17	Leprosy	Lepra					4	1			5
18	Erysipelas	Erisipelas					1	1			2
19	Other epidemic affections (beri-beri)	Otras afecciones epidémicas (Beri-beri)					5	6	3		14
20	Purulent infection and septicæmia	Infección purulenta y septicemia					1				1
21	Glanders and farcy	Muermo y lamparones					1				1
22	Malignant pustule and anthrax	Pústula maligna y antrax					1				1
23	Rabies	Rabia									
24	Actinomycosis, trichinosis, etc	Actinomicosis, trichinosis, etc									
25	Pellagra	Pelagra									
26	Tuberculosis of larynx	Tuberculosis de la laringe					4	2			6
27	Tuberculosis of lungs	Tuberculosis del pulmón			1		38	30	12		81
28	Tuberculosis of meninges	Tuberculosis de las meninges					2	1			3
29	Tuberculosis of abdomen	Tuberculosis abdominal					1	1			2
30	Pott's disease	Mal de Pott									
31	Cold abscess and abscess by congestion	Abscesos fríos y por congestión									
32	White swellings	Tumores blancos									
33	Tuberculosis of other organs	Tuberculosis de otros órganos									
34	Generalized tuberculosis	Tuberculosis generalizada					1				1
35	Scrofula	Escrófula									
36	Syphilis	Sífilis									
37	Gonorrhea of the adult	Blenorragia en los adultos									
38	Gonococcic infections of children	Afecciones gonocócicas en los niños									
39	Cancer and other malignant tumors of the buccal cavity.	Cáncer ú otros tumores malignos en la cavidad bucal									
40	Cancer and other malignant tumors of the stomach and liver.	Cáncer ú otros tumores malignos del estómago é hígado.						1			1
41	Cancer and other malignant tumors of the peritoneum, intestines, and rectum.	Cáncer ú otros tumores malignos del peritóneo, intestinos y recto.									
42	Cancer and other malignant tumors of the female genitals.	Cáncer ú otros tumores malignos de los órganos genitales de la mujer.									
43	Cancer and other malignant tumors of the breast	Cáncer ú otros tumores malignos de la mama									
44	Cancer and other malignant tumors of the skin	Cáncer ú otros tumores malignos de la piel									
45	Cancer and other malignant tumors of other organs and organs not specified.	Cáncer ú otros tumores malignos en otros órganos									
46	Other tumors (tumors of the female genitals excepted).	Otros tumores (exceptuándose los de los órganos genitales de la mujer.)									
47	Acute articular rheumatism	Reumatismo articular agudo									
48	Chronic rheumatism and gout	Reumatismo crónico y gota					2	5			7
49	Scurvy	Escorbuto									
50	Diabetes	Diabetes									
51	Exophthalmic goiter	Bocio exoftálmico									
52	Addison's disease	Enfermedad bronceada de Addison									
53	Leukæmia	Leucemia									
54	Anæmia, chlorosis	Anemia, clorosis									
55	Other general diseases	Otras enfermedades generales									
56	Acute alcoholism, or chronic	Alcoholismo agudo ó crónico									
57	Lead poisoning	Saturnismo									
58	Other poisonings incident to occupations	Otras intoxicaciones profesionales crónicas									
59	Other chronic poisonings	Otros envenenamientos crónicos									
	II. Diseases of the Nervous System and the Organs of Special Sense.	**II. Enfermedades del Sistema Nervioso y de los Órganos de los Sentidos.**									
60	Encephalitis	Encefalitis									
61	Simple meningitis	Meningitis simple					26	19			45
61a	Epidemic cerebro-spinal meningitis	Meningitis cérebro-espinal epidémica									
62	Progressive locomotor ataxia	Ataxia locomotriz progresiva									
63	Other diseases of the spinal cord	Otras enfermedades de la médula espinal									
64	Cerebral congestion and hemorrhage	Congestión y hemorragia cerebrales					5	4			9
65	Cerebral softening	Reblandecimiento cerebral									
66	Paralysis without apparent cause	Parálisis sin indicación de causa									
67	General paralysis	Parálisis generales					2				2

CAUSES OF DEATHS FOR THE MONTH OF JUNE, 1904—Continued.

	Nomenclature Designed for the Statistics of Death.	Nomenclatura para las Estadísticas de Defunciones.	Americans. M.	Americans. F.	Foreigners. M.	Foreigners. F.	Filipinos. M.	Filipinos. F.	Chinese. M.	Chinese. F.	Total.
	II.—Diseases of the Nervous System and the Organs of Special Sense—Continued.	**II.—Enfermedades del Sistema Nervioso y de los Órganos de los Sentidos—Continuación.**									
68	Other forms of insanity	Otras formas de alineación mental									
69	Epilepsy	Epilepsia									
70	Eclampsia (nonpuerperal)	Eclampsia (no puerperal)					8	11			19
71	Convulsions of children	Convulsiones en los niños					141	127		1	269
72	Tetanus	Tétano					5	4			9
73	Chorea	Corea									
74	Other diseases of the nervous system	Otras enfermedades del sistema nervioso					3	2			5
75	Diseases of the eye and its adnexa	Enfermedades de ojos y sus anexos									
76	Diseases of the ear	Enfermedades de los oídos									
	III.	**III.**									
	Diseases of the Circulatory System.	**Enfermedades del Aparato Circulatorio.**									
77	Pericarditis	Pericarditis									
78	Acute endocarditis	Endocarditis aguda					1				1
79	Organic disease of the heart	Enfermedades orgánicas del corazón			1		3	2	2		8
80	Angina pectoris	Angina de pecho					1	4			5
81	Affections of the arteries (atheroma, aneurism, etc.)	Afecciones de las arterias, etc					1				1
82	Embolus and thrombosis	Embolia y trombosis					2				2
83	Affections of the veins (varices, hemorrhoides, phlebitis)	Afecciones de las venas									
84	Affections of the lymphatic system (lymphangitis, etc.)	Afecciones del sistema linfático									
85	Hemorrhages	Hemorragias									
86	Other affections of the circulatory system	Otras afecciones del aparato circulatorio									
	IV.	**IV.**									
	Diseases of the Respiratory System.	**Enfermedades del Aparato Respiratorio.**									
87	Diseases of the nasal fosse	Enfermedades de las fosas nasales									
88	Affections of the larynx	Afecciones de la laringe					1				1
89	Affections of the thyroid body	Afecciones del cuerpo tiroideo									
90	Acute bronchitis	Bronquitis aguda					17	19			36
91	Chronic bronchitis	Bronquitis crónica					19	15	1		35
92	Broncho-pneumonia	Bronco-pneumonía						3			3
93	Pneumonia	Pneumonía					4	1			5
94	Pleurisy	Pleuresía					1				1
95	Pulmonary congestion and apoplexy	Congestión apoplegía pulmonares					1				1
96	Gangrene of the lungs	Gangrena del pulmón									
97	Asthma	Asma					1	1			2
98	Pulmonary emphysema	Enfisema pulmonar									
99	Other diseases of the respiratory system (phthisis excepted).	Otras enfermedades del aparato respiratorio (exceptuándose la tisis).									
	V.	**V.**									
	Diseases of Digestive System.	**Enfermedades del Aparato Digestivo.**									
100	Affections of the mouth and its adnexa	Afecciones de la boca y de sus anexos									
101	Affections of the pharynx	Afecciones de la faringe									
102	Affections of the esophagus	Afecciones del esófago									
103	Ulcer of the stomach	Ulcera del estómago						1			1
104	Other affections of the stomach (cancer excepted)	Otras afecciones del estómago (exceptuándose el cáncer).					2				2
105	Diarrhea and enteritis (under 2 years)	Diarrea y enteritis (en niños menores de 2 años)	1				9	6			16
105a	Chronic diarrhea and enteritis	Diarrea y enteritis crónica					27	17			44
106	Diarrhea and enteritis (2 years and over)	Diarrea y enteritis (en niños de 2 ó más años)			1		1	1	1		4
107	Intestinal parasites	Parásitos intestinales					1				1
108	Hernias; intestinal obstructions	Hernias; obstrucciones intestinales					1				1
109	Other affections of the intestines	Otras afecciones del intestino									
110	Acute yellow atrophy of the liver	Ictericia grave					1				1
111	Hydatid tumors of the liver	Tumores hidátidicos del hígado									
112	Cirrhosis of the liver	Cirrosis del hígado					1	1			2
113	Biliary calculi	Cálculos biliares									
114	Other affections of the liver	Otras afecciones del hígado					1				1
115	Affections of the spleen	Afecciones del bazo									
116	Simple peritonitis (puerperal excepted)	Peritonitis simple (exceptuándose la puerperal)									
117	Other affections of the digestive system (cancer and tuberculosis excepted).	Otras afecciones del aparato digestivo (exceptuándose el cáncer y tuberculosis).									
118	Appendicitis and abscess of the iliac fossa	Apendicitis y filimón de la fosa iliaca									
	VI.	**VI.**									
	Diseases of the Genito-Urinary System and its Adnexa.	**Enfermedades del Aparato Génito Urinario y de sus Anexos.**									
119	Acute nephritis	Nefritis aguda					3	2			5
120	Bright's disease	Mal de bright					3	4	1		8
121	Other diseases of the kidneys and their adnexa	Otras enfermedades de los riñones y de sus anexos									
122	Calculi of the urinary tract	Cálculos de las vías urinarias					1				1
123	Diseases of the bladder	Enfermedades de la vegiga									
124	Diseases of the urethra, urinary abscess, etc	Enfermedades de la uretra									
125	Diseases of the prostate	Enfermedades de la próstata									
126	Nonvenereal diseases of the male genital organs	Enfermedades no venereas de los órganos genitales del hombre.									
127	Metritis	Metritis									
128	Uterine hemorrhage (nonpuerperal)	Hemorragia uterina (no puerperal)						1			1
129	Tumor, uterine (noncancerous)	Tumor uterino (no canceroso)						1			1
130	Other diseases of the uterus	Otras enfermedades del útero									
131	Cysts and other tumors of the ovary	Quistes y otros tumores del ovario									
132	Other diseases of the female genital organs	Otras enfermedades de los órganos genitales de la mujer.									
133	Nonpuerperal diseases of the breast (cancer excepted)	Enfermedades no puerperales de la mama (exceptuándose el cáncer).									

CAUSES OF DEATHS FOR THE MONTH OF JUNE, 1904—Continued.

	Nomenclature Designed for the Statistics of Death.	Nomenclatura para las Estadísticas de Defunciones.	Americans. M.	Americans. F.	Foreigners. M.	Foreigners. F.	Filipinos. M.	Filipinos. F.	Chinese. M.	Chinese. F.	Total.
	VII.	**VII.**									
	The Puerperal State.	**Estado Puerperal.**									
134	Accidents of pregnancy	Accidentes de la preñez									
135	Puerperal hemorrhage	Hemorragia puerperal						3			3
136	Other accidents of labor	Otros accidentes del parto									
137	Puerperal septicæmia	Septicemia puerperal						4			4
138	Albuminuria and puerperal eclampsia	Albuminuria y eclampsia puerperales						1			1
139	Puerperal phlegmasia alba dolens	Flegmasia alba dolens puerperal									
140	Other puerperal accidents—sudden death	Otros accidentes puerperales—muerte repentina						1			1
141	Puerperal diseases of the breast	Enfermedades puerperales de la mama									
	VIII.	**VIII.**									
	Diseases of the Skin and Cellular Tissue.	**Enfermedades de la Piel y del Tejido Celular.**									
142	Gangrene	Gangrena									
143	Furuncle	Forúnculo									
144	Warm-acute abscess	Abscesos calientes agudos									
145	Other diseases of the skin and its adnexa	Otras enfermedades de la piel									
	IX.	**IX.**									
	Diseases of the Organs of Locomotion.	**Enfermedades de los Órganos de la Locomoción.**									
146	Affections of the bones (nontuberculous)	Afecciones de los huesos (exceptuando la tuberculosis)									
147	Diseases of the joints (tuberculosis and rheumatism excepted).	Afecciones de las articulaciones (exceptuando la tuberculosis y el reumatismo).									
148	Amputation	Amputación									
149	Other affections of the organs of locomotion	Otras afecciones de los órganos de la locomoción									
	X.	**X.**									
	Malformations.	**Vicios de Conformación.**									
150	Congenital malformations (stillbirths excepted)	Vicios de conformación congénitos (exceptuándose los de niños nacidos muertos).									
	XI.	**XI.**									
	Early Infancy.	**Primera Infancia.**									
151	Congenital debility, icterus and sclerema	Debilidad congénita, ictericia y esclerema					21	12			33
152	Other special diseases of early infancy	Otras enfermedades especiales de la primera edad					4	1			5
153	Lack of care	Falta de cuidados									
	XII.	**XII.**									
	Old Age.	**Vejez.**									
154	Senile debility	Debilidad senil					3	8			11
	XIII.	**XIII.**									
	Affections Produced by External Causes.	**Afecciones Producidas por Causas Exteriores.**									
155	Suicide by poison	Suicidio por envenenamiento									
156	Suicide by asphyxia	Suicidio por asfixia									
157	Suicide by hanging or strangulation	Suicidio por suspensión ó por estrangulación									
158	Suicide by submersion	Suicidio por submersión									
159	Suicide by firearms	Suicidio por armas de fuego									
160	Suicide by cutting instruments	Suicidio por instrumentos cortantes									
161	Suicide by jumping from high place	Suicidio por dejarse caer desde un punto elevado									
162	Suicide by crushing	Suicidio por aplastamiento									
163	Other suicides	Otros suicidios									
164	Fractures	Fracturas									
165	Dislocations	Luxaciones									
166	Other accidental traumatisms	Otros traumatismos accidentales					1				1
167	Burns	Quemaduras por el fuego									
168	Burning by corrosive substances	Quemaduras por substancias corrosivas									
169	Insolation	Insolación									
170	Freezing	Congelación									
171	Electrical shocks	Conmoción eléctrica									
172	Accidental submersion	Submersión accidental					1				1
173	Inanition	Inanición						1			1
174	Inhalation of deleterious gases (suicide excepted)	Absorción de gases deletéreos									
175	Other acute poisonings	Otros envenenamientos agudos									
176	Other external violence	Otras violencias exteriores									
	XIV.	**XIV.**									
	Ill-Defined Diseases.	**Enfermedades mal Definidas.**									
177	Dropsy	Hidropesía									
178	Sudden death	Muerte repentina									
172	Accidental submersion (race unknown), male										1
	Total		2	1	4		419	346	26	1	800
	Grand total		3		4		765		27		800

NUMBER OF DEATHS BY RACE, SEX, AND AGE.

CAUSE OF DEATH.	Less than one day to thirty days.								From thirty days to one year.								From one to five years.								From five to ten years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
I.																																
General Diseases.																																
1. Typhoid fever (abdominal typhus)																					1	2								1		
4. Intermittent fever and malarial cachexia														1							2								1			
4a. Malarial cachexia																					1	1										
5. Variola																					1											
6. Measles											1																					
10. Grippe																																
12. Cholera, Asiatic																																
13. Cholera nostras																																
14. Dysentery													1								3	1							3	5		
15. Plague																																
17. Leprosy																																
18. Erysipelas													1									1										
19. Other epidemic affections (beri-beri)																														1		
20. Purulent infection and septicæmia																																
21. Glanders and farcy																																
22. Malignant pustule and charbon (anthrax)																																
26. Tuberculosis of larynx																						1										
27. Tuberculosis of lungs																					1								1			
28. Tuberculosis of meninges													1								1											
29. Tuberculosis, abdominal																																
30. Pott's disease																																
32. White swellings																																
33. Tuberculosis of other organs																																
34. Generalized tuberculosis																													1			
35. Scrofula																																
36. Syphilis																																
39. Cancer and other malignant tumors of the buccal cavity																																
40. Cancer and other malignant tumors of the stomach and liver																																
42. Cancer and other malignant tumors of the female genitals																																
45. Cancer and other malignant tumors of other organs, and organs not specified																																
47. Acute articular rheumatism																																
48. Chronic rheumatism and gout																																
49. Scurvy																																
53. Leukæmia																																
54. Anæmia chlorosis																																
55. Other general diseases																																
56. Acute alcoholism, or chronic																																
II.																																
Diseases of the Nervous System and the Organs of Special Sense.																																
60. Encephalitis																																
61. Meningitis, simple					1	1							13	12							11	7							1			
63. Other diseases of the spinal cord																																
64. Cerebral softening and hemorrhage					1																											
66. Paralysis without apparent cause																																
67. General paralysis													1																			
68. Other forms of insanity																																
69. Epilepsy																																
70. Eclampsia (nonpuerperal)					1	4							9	7																		
71. Convulsions of children					27	17							117	112		1						1										
72. Tetanus					4	3																										
74b. Other diseases of the nervous system						1							3	1																		
III.																																
Diseases of the Circulatory System.																																
77. Pericarditis																																
78. Acute endocarditis																																
79. Organic disease of the heart																						1										
80. Angina pectoris																																
81. Affections of the arteries (atheroma, aneurism, etc.)																																
82. Embolus and thrombosis																																
85. Hemorrhages																																
86. Other affections of the circulatory system																																
IV.																																
Diseases of the Respiratory System.																																
88. Affections of the larynx													1																			
90. Acute bronchitis					1								15	17							1	2										
91. Chronic bronchitis													14	12							4	3							1			
92. Broncho-pneumonia														1								1										
93. Pneumonia																																
94. Pleurisy																																
95. Pulmonary congestion and apoplexy					1																											
97. Asthma																																
V.																																
Diseases of the Digestive System.																																
100. Affections of the mouth and its adnexa																																
103. Ulcer of the stomach																																

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	Less than one day to thirty days.				From thirty days to one year.				From one to five years.				From five to ten years.			
	A.	E.	F.	C.	A.	E.	F.	C.	A.	E.	F.	C.	A.	E.	F.	C.
	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.
V. Diseases of the Digestive System—Cont'd.																
104. Other affections of the stomach (cancer excepted)							2									
105. Diarrhea and enteritis (under 2 years)			1		1		6 5		1		2 1					
105a. Diarrhea and enteritis, chronic							15 6				10 8				1	
106. Diarrhea and enteritis (2 years and over)											1					1
107. Intestinal parasites											1					
108. Hernias: Intestinal obstructions											1					
110. Acute yellow atrophy of the liver																
112. Cirrhosis of the liver																
114. Other affections of the liver																
116. Simple peritonitis (puerperal excepted)																
117. Other affections of the digestive system (cancer and tuberculosis excepted)																
118. Appendicitis and abscess of the iliac fossa																
VI. Diseases of the Genito-Urinary System and its Adnexa.																
119. Acute nephritis							1								1	
120. Bright's disease												1				
122. Calculi of the urinary tract																
127. Metritis																
128. Uterine hemorrhage, nonpuerperal																
129. Tumor, uterine (noncancerous)																
133. Nonpuerperal diseases of the breast (cancer excepted)																
VII. The Puerperal State.																
135. Puerperal hemorrhage																
137. Puerperal septicæmia																
138. Albuminuria and puerperal eclampsia																
139. Puerperal phlegmasia—alba dolens																
140. Other puerperal accidents, sudden death																
VIII. Diseases of the Skin and Cellular Tissue.																
143. Furuncle												1				
IX. Diseases of the Organs of Locomotion.																
146. Affections of the bones (nontuberculous)																
X. Malformations.																
150. Congenital malformations (stillbirths excepted)																
XI. Early Infancy.																
151. Congenital debility, icterus, and sclerema			18 8				2 4				1					
152. Other special diseases of early infancy							2 1				2					
153. Lack of care																
XII. Old Age.																
154. Senile debility																
XIII. Affections Produced by External Causes.																
160. Suicide by cutting instruments																
164. Fractures																
166. Other accidental traumatisms																
167. Burns																
168. Burning by corrosive substances																
171. Electrical shocks																
172. Accidental submersion											1					
173. Inanition								1								
176. Other external violence																
XIV. Ill-Defined Diseases.																
177. Dropsy																
179. Unspecified or ill-defined causes of death																
Total			55 34		1	1	204 180		1	1	45 32				9 8	1
Grand total			89		1	1	384		1	1	77				17	1

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From ten to fifteen years.								From fifteen to twenty years.								From twenty to twenty-five years.								From twenty-five to thirty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
I.																																
General Diseases.																																
1. Typhoid fever (abdominal typhus)					1	1							1	1							1								1			
4. Intermittent fever and malarial cachexia					1																1											
4a. Malarial cachexia													1																	1		
5. Variola																									1	1						
6. Measles																																
10. Grippe																																
12. Cholera, Asiatic																																
13. Cholera nostras																																
14. Dysentery																													2	1	2	
15. Plague																															2	
17. Leprosy						1																										
18. Erysipelas																											1					
19. Other epidemic affections (beri-beri)																					1	4							5	1		
20. Purulent infection and septicæmia																																
21. Glanders and farcy																																
22. Malignant pustule and charbon (anthrax)																																
26. Tuberculosis of larynx																					2	1										
27. Tuberculosis of lungs													3	2			1				5	2							9	7	4	
28. Tuberculosis of meninges																																
29. Tuberculosis, abdominal																					1											
30. Pott's disease																																
32. White swellings																														1		
33. Tuberculosis of other organs																																
34. Generalized tuberculosis																																
35. Scrofula																																
36. Syphilis																																
39. Cancer and other malignant tumors of the buccal cavity																																
40. Cancer and other malignant tumors of the stomach and liver																																
42. Cancer and other malignant tumors of the female genitals																																
45. Cancer and other malignant tumors of other organs, and organs not specified																																
47. Acute articular rheumatism																																
48. Chronic rheumatism and gout																						1										
49. Scurvy																																
53. Leukæmia																																
54. Anæmia chlorosis																																
55. Other general diseases																																
56. Acute alcoholism, or chronic																																
II.																																
Diseases of the Nervous System and the Organs of Special Sense.																																
60. Encephalitis																																
61. Meningitis, simple					1																											
63. Other diseases of the spinal cord																																
64. Cerebral softening and hemorrhage																														1		
66. Paralysis without apparent cause																																
67. General paralysis																																
68. Other forms of insanity																																
69. Epilepsy																																
70. Eclampsia (nonpuerperal)																																
71. Convulsions of children																																
72. Tetanus																						1										
74b. Other diseases of the nervous system																																
III.																																
Diseases of the Circulatory System.																																
77. Pericarditis																																
78. Acute endocarditis																													1			
79. Organic disease of the heart													1																		1	
80. Angina pectoris														1																1		
81. Affections of the arteries (atheroma, aneurism, etc.)																																
82. Embolus and thrombosis													1																			
85. Hemorrhages																																
86. Other affections of the circulatory system																																
IV.																																
Diseases of the Respiratory System.																																
88. Affections of the larynx																																
90. Acute bronchitis																																
91. Chronic bronchitis																					1											
92. Broncho-pneumonia																						1										
93. Pneumonia																					2								2			
94. Pleurisy																																
95 Pulmonary congestion and apoplexy																																
97. Asthma																																
V.																																
Diseases of the Digestive System.																																
100. Affections of the mouth and its adnexa																																
103. Ulcer of the stomach																														1		

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From ten to fifteen years.								From fifteen to twenty years.								From twenty to twenty-five years.								From twenty-five to thirty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
V. Diseases of the Digestive System—Cont'd.																																
104. Other affections of the stomach (cancer excepted)																														1		
105. Diarrhea and enteritis (under 2 years)																																
105a. Diarrhea and enteritis, chronic																														1		
106. Diarrhea and enteritis (2 years and over)																																
107. Intestinal parasites																																
108. Hernias: Intestinal obstructions																																
110. Acute yellow atrophy of the liver																																
112. Cirrhosis of the liver																																
114. Other affections of the liver																													1			
116. Simple peritonitis (puerperal excepted)																																
117. Other affections of the digestive system (cancer and tuberculosis excepted)																																
118. Appendicitis and abscess of the iliac fossa																																
VI. Diseases of the Genito-Urinary System and its Adnexa.																																
119. Acute nephritis																													1	1		
120. Bright's disease													1																			
122. Calculi of the urinary tract													1																			
127. Metritis																																
128. Uterine hemorrhage, nonpuerperal																														1		
129. Tumor uterine (noncancerous)																																
133. Nonpuerperal diseases of the breast (cancer excepted)																																
VII. The Puerperal State.																																
135. Puerperal hemorrhage															1															1		
137. Puerperal septicæmia															3								1									
138. Albuminuria and puerperal eclampsia																							1									
139. Puerperal phlegmasia—alba dolens																																
140. Other puerperal accidents, sudden death																														1		
VIII. Diseases of the Skin and Cellular Tissue.																																
143. Furuncle																																
IX. Diseases of the Organs of Locomotion.																																
146. Affections of the bones (nontuberculous)																																
X. Malformations.																																
150. Congenital malformations (stillbirths excepted)																																
XI. Early Infancy.																																
151. Congenital debility, icterus, and sclerema																																
152. Other special diseases of early infancy																																
153. Lack of care																																
XII. Old Age.																																
154. Senile debility																																
XIII. Affections Produced by External Causes.																																
160. Suicide by cutting instruments																																
164. Fractures																																
166. Other accidental traumatisms																																
167. Burns																																
168. Burning by corrosive substances																																
171. Electrical shocks																																
172. Accidental submersion																																
173. Inanition																																
172. Accidental submersion, race unknown, male 1																																
176. Other external violence																																
XIV. Ill-Defined Diseases.																																
179. Unspecified or ill-defined causes of death																																
Total					3	2							9	8			1				14	12			1	1	1		22	20	9	
Grand total					5								17				1				26				2		1		42		9	

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From thirty to thirty-five years.								From thirty-five to forty years.								From forty to forty-five years.								From forty-five to fifty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
I.																																
General Diseases.																																
1. Typhoid fever (abdominal typhus)															1														1	1		
4. Intermittent fever and malarial cachexia					1								3		1																	
4a. Malarial cachexia					1																											
5. Variola																																
6. Measles																																
10. Grippe																																
12. Cholera, Asiatic																																
13. Cholera nostras																																
14. Dysentery					2																		1						1			
15. Plague																																
17. Leprosy																					2								1			
18. Erysipelas																																
19. Other epidemic affections (beri-beri)							1						1										1									
20. Purulent infection and septicæmia													1																			
21. Glanders and farcy													1																			
22. Malignant pustule and charbon (anthrax)																																
26. Tuberculosis of larynx					2																											
27. Tuberculosis of lungs			1		5	6	2						5	3	3						3	2	1						4	1	2	
28. Tuberculosis of meninges						1																										
29. Tuberculosis, abdominal														1																		
30. Pott's disease																																
32. White swellings																																
33. Tuberculosis of other organs																																
34. Generalized tuberculosis																																
35. Scrofula																																
36. Syphilis																																
39. Cancer and other malignant tumors of the buccal cavity																																
40. Cancer and other malignant tumors of the stomach and liver																																
42. Cancer and other malignant tumors of the female genitals																																
45. Cancer and other malignant tumors of other organs, and organs not specified																																
47. Acute articular rheumatism																																
48. Chronic rheumatism and gout																													1	1		
49. Scurvy																																
53. Leukæmia																																
54. Anæmia chlorosis																																
55. Other general diseases																																
56. Acute alcoholism, or chronic											1																					
II.																																
Diseases of the Nervous System and the Organs of Special Sense.																																
60. Encephalitis																																
61. Meningitis, simple																																
63. Other diseases of the spinal cord																																
64. Cerebral softening and hemorrhage					1									1							1											
66. Paralysis without apparent cause																																
67. General paralysis					1																											
68. Other forms of insanity																																
69. Epilepsy																																
70. Eclampsia (nonpuerperal)																																
71. Convulsions of children																																
72. Tetanus																																
74b. Other diseases of the nervous system																																
III.																																
Diseases of the Circulatory System.																																
77. Pericarditis																																
78. Acute endocarditis																													1			
79. Organic disease of the heart			1		1	1							1										1				1					
80. Angina pectoris													1									1										
81. Affections of the arteries (atheroma, aneurism, etc.)																																
82. Embolus and thrombosis													1																			
85. Hemorrhages																																
86. Other affections of the circulatory system																																
IV.																																
Diseases of the Respiratory System.																																
88. Affections of the larynx																																
90. Acute bronchitis																																
91. Chronic bronchitis																																
92. Broncho-pneumonia																																
93. Pneumonia													3																			
94. Pleurisy																					1											
95. Pulmonary congestion and apoplexy																																
97. Asthma																																
V.																																
Diseases of Digestive System.																																
100. Affections of the mouth and its adnexa																																
108. Ulcer of the stomach																																

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From thirty to thirty-five years.				From thirty-five to forty years.				From forty to forty-five years.				From forty-five to fifty years.			
	A.	E.	F.	C.	A.	E.	F.	C.	A.	E.	F.	C.	A.	E.	F.	C.
	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.
V. Diseases of the Digestive System—Cont'd.																
104. Other affections of the stomach (cancer excepted)																
105. Diarrhea and enteritis (under 2 years)																
105a. Diarrhea and enteritis, chronic																
106. Diarrhea and enteritis (2 years and over)			1											1		
107. Intestinal parasites																
108. Hernias: Intestinal obstructions																
110. Acute yellow atrophy of the liver																
112. Cirrhosis of the liver															1	
114. Other affections of the liver																
116. Simple peritonitis (puerperal excepted)			1													
117. Other affections of the digestive system (cancer and tuberculosis excepted)										1						
118. Appendicitis and abscess of the iliac fossa																
VI. Diseases of the Genito-Urinary System and its Adnexa.																
119. Acute nephritis							1									
120. Bright's disease			1												2	
122. Calculi of the urinary tract																
127. Metritis											1					
128. Uterine hemorrhage, nonpuerperal																
129. Tumor, uterine (noncancerous)																
133. Nonpuerperal diseases of the breast (cancer excepted)																
VII. The Puerperal State.																
135. Puerperal hemorrhage				1												
137. Puerperal septicæmia																
138. Albuminuria and puerperal eclampsia																
139. Puerperal phlegmasia—alba dolens																
140. Other puerperal accidents, sudden death																
VIII. Diseases of the Skin and Cellular Tissue.																
143. Furuncle																
IX. Diseases of the Organs of Locomotion.																
146. Affections of the bones (nontuberculous)																
X. Malformations.																
150. Congenital malformations (stillbirths excepted)																
XI. Early Infancy.																
151. Congenital debility, icterus, and sclerema																
152. Other special diseases of early infancy																
153. Lack of care																
XII. Old Age.																
154 Senile debility																
XIII. Affections Produced by External Causes.																
160. Suicide by cutting instruments																
164. Fractures																
166. Other accidental traumatisms																
167. Burns																
168. Burning by corrosive substances																
171. Electrical shocks																
172. Accidental submersion																
173. Inanition																
172. Accidental submersion, race unknown, male 1																
176. Other external violence																
XIV. Ill-Defined Diseases.																
179. Unspecified or ill-defined causes of death																
Total		2	16 10	3		1	17 8	3		1	7 4	4		2	10 5	2
Grand total		2	26	3		1	25	3		1	11	4		2	15	2

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From fifty upward.								Unknown.								Total.								Grand total.
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
I.																									
General Diseases.																									
1. Typhoid fever (abdominal typhus)						1															6	8			14
4. Intermittent fever and malarial cachexia																					9	2			11
4a. Malarial cachexia																					3	2			5
5. Variola															1		1	1			1	1			4
6. Measles																			1						1
10. Grippe																									
12. Cholera, Asiatic																									
14. Dysentery					7	1	1														19	8	4		31
15. Plague																							2		2
17. Leprosy					1																4	1			5
18. Erysipelas																			1		1	1			3
19. Other epidemic affections (beri-beri)						1	1														7	7	3		17
20. Purulent infection and septicæmia																					1				1
21. Glanders and farcy																					1				1
22. Malignant pustule and charbon (anthrax)					1																1				1
23. Rabies																									
26. Tuberculosis of larynx						1															4	3			7
27. Tuberculosis of lungs					9	8											1		1		45	31	12		90
28 Tuberculosis of meninges																					2	1			3
29. Tuberculosis, abdominal																					1	1			2
30. Pott's disease																									
32. White swellings																						1			1
33. Tuberculosis of other organs																									
34. Generalized tuberculosis																					1				1
35. Scrofula																									
36. Syphilis																									
39. Cancer and other malignant tumors of the buccal cavity																									
40. Cancer and other malignant tumors of the stomach and liver						1																1			1
43. Cancer and other malignant tumors of the breast																									
45. Cancer and other malignant tumors of other organs and organs not specified																									
47. Acute articular rheumatism																									
48. Chronic rheumatism and gout					1	3															2	5			7
49. Scurvy																									
53. Leukæmia																									
54. Anæmia chlorosis																									
55. Other general diseases																									
56. Acute alcoholism, or chronic																			1						1
II.																									
Diseases of the Nervous System and the Organs of Special Sense.																									
60. Encephalitis																									
61. Meningitis, simple																					27	20			47
63. Other diseases of the spinal cord																									
64. Cerebral softening and hemorrhage					3	2															6	4			10
66. Paralysis without apparent cause																									
67. General paralysis																					2				2
68. Other forms of insanity																									
69. Epilepsy																									
70. Eclampsia (nonpuerperal)																					10	11			21
71. Convulsions of children																					144	130		1	275
72. Tetanus					1																5	4			9
74b. Other diseases of the nervous system																					3	2			5
III.																									
Diseases of the Circulatory System.																									
77. Pericarditis																									
78. Acute endocarditis																					2				2
79. Organic disease of the heart																			2		3	2	2		9
80. Angina pectoris						1															1	4			5
81. Affections of the arteries (atheroma, aneurism, etc.)					1																1				1
82. Embolus and thrombosis																					2				2
85. Hemorrhages																									
86. Other affections of the circulatory system																									
IV.																									
Diseases of the Respiratory System.																									
88. Affections of the larynx																					1				1
90. Acute bronchitis																					17	19			36
91. Chronic bronchitis							1														20	15	1		36
92. Broncho-pneumonia																						3			3
93. Pneumonia					3	1															10	1			11
94. Pleurisy																					1				1
95. Pulmonary congestion and apoplexy																					1				1
97. Asthma					1	1															1	1			2
V.																									
Diseases of the Digestive System.																									
100. Affections of the mouth and its adnexa																									
103. Ulcer of the stomach																						1			1
104. Other affections of the stomach (cancer excepted)																					2	1			3
105. Diarrhea and enteritis (under 2 years)																	1	1			9	6			17
105a. Diarrhea and enteritis, chronic					2	1															27	17			44
106. Diarrhea and enteritis (2 years and over)						1													1		2	1	1		5

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From fifty upward.								Unknown.								Total.								Grand total.
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
V. Diseases of the Digestive System—Continued.																									
107. Intestinal parasites																					1				1
108. Hernias: Intestinal obstructions																					1				1
110. Acute yellow atrophy of the liver					1																1				1
112. Cirrhosis of the liver						1															1	1			2
114. Other affections of the liver																					1				1
116. Simple peritonitis (puerperal excepted)																						1			1
117. Other affections of the digestive system (cancer and tuberculosis excepted)																			1						1
118. Appendicitis and abscess of the iliac fossa																									
VI. Diseases of the Genito-Urinary System and its Adnexa.																									
119. Acute nephritis																					3	2			5
120. Bright's disease					2	1	1														4	4	1		9
122. Calculi of the urinary tract																					1				1
123. Diseases of the bladder																									
127. Metritis																						1			1
128. Uterine hemorrhage nonpuerperal																						1			1
129. Tumor, uterine (noncancerous)							1															1			1
VII. The Puerperal State.																									
135. Puerperal hemorrhage																						3			3
137. Puerperal septicemia																						4			4
138. Albuminuria and puerperal eclampsia																						1			1
139. Puerperal phlegmasia—alba dolens																									
140. Other puerperal accidents, sudden death																						1			1
VIII. Diseases of the Skin and Cellular Tissue.																									
143. Furuncle																						1			1
IX. Diseases of the Organs of Locomotion.																									
146. Affections of the bones (nontuberculous)																									
X. Malformations.																									
150. Congenital malformations (stillbirths excepted)																									
XI. Early Infancy.																									
151. Congenital debility, icterus and sclerema																					21	12			33
152. Other special diseases of early infancy																					4	1			5
153. Lack of care																									
XII. Old Age.																									
154. Senile debility					3	8															3	8			11
XIII. Affections Produced by External Causes.																									
160. Suicide by cutting instruments																									
164. Fractures													1								1				1
166. Other accidental traumatisms																									1
167. Burns																									
168. Burning by corrosive substances																									
171. Electrical shocks																					1				1
172. Accidental submersion																						1			1
173. Inanition																									
175. Other acute poisonings																									
176. Other external violence																									
XIV. Ill-Defined Diseases.																									
177. Dropsy																									
179. Unspecified or ill-defined causes of death																									
172. Accidental submersion, race unknown, male 1																									1
Total					36	34	4						1	1			3	2	8		448	358	26	1	847
Grand total					70		4						2				5		8		806		27		847

Number of Deaths, with Causes, Occurring Among Transients in Manila During the Month of June, 1904.

[These deaths are not included in preparing death rate of city.]

			Americans.		Foreigners.		Filipinos.		Chinese.		Total.
			M.	F.	M.	F.	M.	F.	M.	F.	
	I.	**I.**									
	General Diseases.	**Enfermedades Generales.**									
4	Intermittent fever, and malarial cachexia	Fiebre intermitente y palúdica caquexia					1				1
4a	Malarial cachexia	Fiebre palúdica caquexia					1				1
14	Dysentery	Disenteria					1				1
18	Erysipelas	Erisepelas			1						1
19	Epidemic affections (beri-beri)	Afecciones epidémicas (beri-beri)					2	1			3
26	Tuberculosis of larynx	Tubérculo de la laringe						1			1
27	Tuberculosis of lungs	Tubérculo de los pulmones					7	1			8
29	Tuberculosis, abdominal	Tubérculo abdominal	1								1
32	White swellings	Tumores blancos (hinchazón blanca)						1			1
56	Acute alcoholism, or chronic	Alcoholismo, agudo y crónico			1						1
	II.	**II.**									
	Diseases of the Nervous System and the Organs of Special Sense.	**Enfermedades del Sistema Nervioso y Otros Organos del Sentido Especial.**									
61	Meningitis, simple	Meningitis, simple					1	1			2
64	Cerebral congestion and hemorrhage	Congestión cerebral y hemorragia					1				1
70	Eclampsia (nonpuerperal)	Eclamsia no puerperal					2				2
71	Convulsions of children	Convulsiones infantiles					3	3			6
	III.	**III.**									
	Diseases of the Circulatory System.	**Enfermedades del Aparato Circulatorio.**									
78	Acute endocarditis	Endocarditis aguda					1				1
79	Organic disease of the heart	Enfermedades orgánicas del corazón			1						1
	IV.	**IV.**									
	Diseases of the Respiratory System.	**Enfermedades del Sistema Respiratorio.**									
91	Chronic bronchitis	Bronquitis crónica					1				1
93	Pneumonia	Pneumonia					6				6
	V.	**V.**									
	Diseases of Digestive System.	**Enfermedades del Aparato Digestivo.**									
104	Other affections of the stomach (cancer excepted)	Otras afecciones del estómago (exceptuando el cáncer)						1			1
105	Diarrhea and enteritis (under 2 years)	Diarrea y enteritis (menos de 2 años)		1							1
106	Diarrhea and enteritis (2 years and over)	Diarrea y enteritis (2 años ó mas)					1				1
116	Simple peritonitis (puerperal excepted)	Peritonitis simple (excepto la puerperal)						1			1
117	Other affections of the digestive system (cancer and tuberculosis excepted)	Otras afecciones del aparato digestivo (excepto el cancer y la tuberculosis)			1						1
	VI.	**VI.**									
	Diseases of the Genito-Urinary System and its Adnexa.	**Enfermedades del Aparato Génito Urinario y sus Anexos.**									
120	Bright's disease	Enfermedades de Bright					1				1
127	Metritis	Metritis						1			1
	VIII.	**VIII.**									
	Diseases of the Skin and Cellular Tissue.	**Enfermedades de la piel y Tejido Celular.**									
143	Furuncle	Furúnculo (carbunco)						1			1
	XII.	**XII.**									
	Old Age.	**Vejez.**									
154	Senile debility	Debilidad senil									
	XIII.	**XIII.**									
	Affections Produced by External Causes.	**Afecciones Producidas por Causas Externas.**									
164	Fractures	Fracturas									
	XIV.	**XIV.**									
	Ill-Defined Diseases.	**Enfermedades mal definidas**									
179	Unspecified or ill-defined causes of death	Muerte por causas mal especificadas ó indefinidas									
	Total		1	1	4		29	12			47

Bilibid Prison Report of Deaths Occurring During the Month of June, 1904.

	Presidio.				Carcel.				Total.
	Filipinos.		Chinese.		Americans.		Filipinos.		
	M.	F.	M.	F.	M.	F.	M.	F.	
Malarial cachexia	2								2
Intestinal amebiasis	1						1		2
Beri-beri							1	1	2
Pulmonary tuberculosis	6				1		2		9
Acute endocarditis							1		1
Lobar pneumonia	6						3		9
Total	15				1		8	1	25

Condition:	
Married	13
Single	12
Cemeteries:	
Norte	25
Chinese	0

Of the total number of deaths occurring during the month of June, 1904, 847, including transients, 577 were of persons less than 16 years of age. Of the remaining 270 adults of both sexes only 174, classified below, had definite occupations:

Males:	
Carriers	3
Stone cutter	1
Sailors	4
Laborers	39
Blacksmiths	2
Drivers	4
Merchants	14
Barber	1
Salesman	1
Musicians	2
Painters	3
Males—Continued.	
Servants	2
Messengers	2
Cooks	3
Clerks	7
Students	2
Bookkeeper	1
Watch maker	1
Foreman	1
Carpenters	5
Lawyer	1
Silversmith	1
Butcher	1
Printer	1
Tailors	3
Fishermen	2
Cigar makers	2
Shoemaker	1
Farmer	1
Fireman	1
Engraver	1
Ecclesiastic	1
Vaccinator	1
Landlord	1
Stoker	1
Confectioner	1
Boatmen	3
Total	121
Females:	
Laundry women	9
Seamstresses	10
Teacher	1
Cook	1
Cigar makers	5
Servants	4
Cigarette maker	1
Merchants	3
Shopkeepers	6
Grass seller	1
Landladies	11
Property owner	1
Total	53
Grand total	174

Births Reported in June, 1904.[1]

	Male.	Female.	Total.
Americans	3	4	7
Filipinos	301	280	581
Spaniards	2	2	4
Other Europeans	2	2	4
Chinese	1	3	4
All others			
Total	309	291	600

[1] Incomplete.

Annual Birthrate per Thousand for the Month.

Americans	19.41
Filipinos	37.27
Spaniards	19.26
Other Europeans	43.60
Chinese	2.29
All others	0
Average	33.21

Report of Prescriptions Filled at the Municipal Dispensaries, Showing Districts, Sex, and Age of Persons to Whom Medicines Have Been Given During the Month of June, 1904.

Sanitary districts.	Americans.				Foreigners.				Filipinos.				Chinese.				Total.
	Adults.		Children.		Adults.		Children.		Adults.		Children.		Adults.		Children.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
Station A, Sanitary District No. 1, San Nicolas	1								15	2	4						22
Station C, Sanitary District No. 2, Tondo									144	153	40	28					365
Station F, Sanitary District No 3, Quiapo									45	80	45	25					195
Station G, Sanitary District No. 4, Santa Cruz									49	12	11	7					79
Station I, Sanitary District No. 5, Sampaloc									130	61	75	26					292
Station J, Sanitary District No, 6, Intramuros									20	29	15						64
Station L, Sanitary District No. 7, Ermita, Malate, Paco, etc									41	59	70	46					216
Total	1								444	396	260	132					1,233

Report of Sick and Wounded City Poor Attended by Municipal Physicians During the Month of June, 1904.

Sanitary districts and physicians.	Americans.				Filipinos.				Chinese.				Total.	Cured.		Deaths.		Number of visits.
	Adults.		Children.		Adults.		Children.		Adults.		Children.							
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.		M.	F.	M.	F.	
Sanitary District No. 1, San Nicolas, Dr. V. Cavanna					11	3	4		2				20	7	1	1		60
Sanitary District No. 2, Tondo, Dr. V. Pantoja					49	47	12	14					122	46	36	3	9	411
Sanitary District No. 3, Quiapo, Dr. P. Gabriel					20	29	16	11					76	21	17	5	8	153
Sanitary District No. 4, Santa Cruz, Dr. C. Reyes					18	13	6	7					44	17	13	3	3	75
Sanitary District No. 5, Sampaloc, Dr. F. Castañeda					28	55	31	24					138	33	46	7	7	296
Sanitary District No. 6, Intramuros, Dr. F. Herrera					19	23	7	4					58	15	11			200
Sanitary District No. 7, Ermita, Malate, etc., Dr. J. B. Cabarrus					18	25	19	19					81	19	28	8	5	191
Total					163	195	95	79	2				534	158	152	27	32	1,386

Monthly Report of San Lazaro Hospital, Women's and Leper Departments, for June, 1904.

	Leper department.							Women's department.				
	Europeans.		Filipinos.		Chinese.		Total.	Americans.	Europeans.	Filipinas.	Japanese.	Total.
	M.	F.	M.	F.	M.	F.						
Number of patients in hospital at last report		1	131	89			221		1	57	37	95
Number of patients received during the month			5	5	1		11	2	1	35	46	84
Number of patients discharged cured								1	1	44	58	104
Number of deaths			4	2			6					
Number of patients escaped			2				2					
Number of patients remaining in hospital		1	130	92	1		224	1	1	48	25	75

Discharged cured, 1 American, 1 European, 43 Filipinas, and 57 Japanese. Transferred to San Juan de Dios Hospital, uncured, 1 Filipina; discharged uncured to leave the Islands, 1 Japanese. Died, 4 male and 2 ~~male~~ female Filipinos; escaped 2 male Filipinos; 2 infants born in Hospital, turned over to relatives, not diseased; 1 infant stillborn.

Bilibid Prison Sick Report for the Month of June, 1904.

Diseases.	Total sick as per last report.	Taken since last report.	Died.	Discharged.	Total number sick this date.
Advanced tubercular ostitis of tibia and kneejoint. Amputation lower third of thigh	1			1	
Beri-beri (dropsica)		1	1		
Double hydrocele (radical operation)	1	1		1	1
Endocarditis, acute		1	1		
Fever, malarial, intermittent	2	4		4	2
Fibroid phthysis		1	1		
General miliary tuberculosis		1	1		
Hernia and hydrocele (radical operation)	1			1	
Hernia inguinal (radical operation)	1			1	
Intestinal amebiasis	1	5	2	3	1
Intestinal indigestion		1		1	
Intestinal hemorrhoidectomy and circumcision		1		1	
Internal hemorrhoidectomy		1		1	
Malarial cachexia		2	2		
Parenchymatous nephritis and beri-beri (dropsica)		2	1	1	
Pneumonia, lobar	4	30	9	21	4
Sequestrotomy of radius, old gunshot wound		1			1
Tuberculosis	13	9	7	1	14
Varix of leg (desection and ligation)		1		1	
Total	24	62	25	38	23

Convalescents, 23; disabled, 95; Insane 11. Total number prisoners, 4,318.

Report of Action Taken on Licenses during the Month of June, 1904.

Business for which license is desired.	License applications approved.	License applications disapproved.	Total applications acted upon.	Applications awaiting action.
1. Aërated waters	1		1	
2. Bakeries	3		3	
3. Chocolate tiendas	1		1	
4. Cooked food, native products	1	3	4	
5. Dancing school	1		1	
6. Distilleries, (perfumes)	1		1	
7. Drug stores	3		3	
8. Ice, make and sell	1		1	
9. Laundries	3	2	5	
10. Liquor, first class bar	1		1	
11. Liquor, second-class bar	2		2	
12. Lodging house	2		2	
13. Native products	1	4	5	
14. Restaurants	13		13	
15. Sauces, make and sell	1		1	
16. Soap, make and sell	1		1	
17. Sweetmeats, make and sell	1		1	
18. Theaters	2		2	
19. Wine, native	3	3	6	
Total	42	12	54	

Report of the Veterinary Division for the Board of Health for the Philippine Islands for the Month of June, 1904.

[JOHN G. SLEE, *Chief Veterinary Surgeon*; DAVID G. MOBERLY, *Assistant Chief Veterinary Surgeon*.]

On arrival in city:

Number of cattle inspected	2,815
Number of carabaos inspected	205
Number of horses inspected	280
Number of hogs inspected	3,738
Number of sheep inspected	16
Number of goats inspected	34
Number of other animals inspected	14
Total	7,102

In Government abattoir:

Number of cattle slaughtered	1,935
Number of hogs slaughtered	4,844

In Government abattoir—Continued.

Number of sheep slaughtered	7
Number of goats slaughtered	6
Total	6,792

Number of cattle condemned and cremated	7
Number of hogs condemned and cremated	22
Number of horses condemned for glanders	2
Number of horses condemned for surra	1
Number of other animals condemned	0
Total	32

General Inspection of Houses, Premises, Vaults, etc., with Improvements Ordered, Disinfected, Whitewashed, Cleaned, etc., by Medical Inspectors, Chief Sanitary Inspectors, and Sanitary Inspectors, for the Month of June, 1904.

1. Houses inspected by Chief Sanitary Inspector	1,955
2. Houses reinspected for verification of work ordered	452
3. Houses inspected by sanitary inspectors	18,931
4. Houses reinspected by sanitary inspectors	8,246
5. Houses ordered cleaned (written)	0
6. Houses ordered cleaned (verbal)	5,959
7. Houses cleaned	5,532
8. Houses ordered whitewashed and painted	6
9. Houses whitewashed and painted	5
10. Houses disinfected	29
11. Houses recommended condemned and removed	171
12. Houses condemned and removed	0
13. Number of localities where "squatters" are located	23
14. Number of samples of water from wells sent to Laboratory	0
15. Number of reports from same	0
16. Number of fire plugs opened or closed for sanitary purposes	0
17. Number of hydrants recommended reopened	0
18. Number of houses where garbage has not been removed for two days	202
19. Number of persons reported sick to municipal physicians	276
20. Cesspools and vaults ordered cleaned	241
21. Cesspools cleaned	222
22. Yards ordered cleaned	2,735
23. Yards cleaned	2,384
24. Yards ordered repaired (repaved, etc.)	0
25. Yards repaired	0
26. Number of cholera cases reported by sanitary inspectors	0
27. Number of cholera cases reported by Auxiliary Advisory Board	0
28. Number of cholera cases found "alive"	0
29. Number of cholera cases found "dead"	0
30. Number of orders issued during the month	664
31. Number of orders complied with during the month	664
32. Number of orders awaiting action	52
33. Number of orders pending in court	0
34. Number of food tiendas in districts	1,219
35. Number of persons convicted for violation of food-prohibition order	0
36. Average in visiting each street and barrio during month	8.8
37. Number of regular inspectors on duty	16
38. Number of emergency inspectors on duty	2
39. Number of leper cases sent to San Lazaro Hospital	5
40. Number of plague cases reported	2
41. Number of smallpox cases reported	8
42. Houses in which traps are set	15,817
43. Houses in which bane is placed	0
44. Traps set	51,222
45. Plates with ratsbane placed	0
46. Rats caught by rat catchers	7,875
47. Rats caught by traps	10,396
48. Rats caught by poison	0
49. Rats purchased	227
50. Rat catchers employed	80

Burials, June, 1904.

Cemeteries.	Number.
Loma (Government)	459
Norte (Government)	61
Paco (General Government)	23
Santa Cruz	4
Balic-balic	120
Binondo	13
Maytubig	47
Malate	54
Pandacan	27
Chinese	27
Santa Ana	19
American National Cemetery	2
San Pedro Macati	0
Crematory	3
Sampaloc	0
Cathedral	1
Embalmed	1
Total	861

Disinterments, June, 1904.

Paco	13
Santa Cruz	5
Chinese	11
Total	29

Report of Crematories, June, 1904.

Disposition.	Crematories.			
	Santa Cruz.	Palomar.	Paco.	Total.
Animals cremated:				
American horses	11	7	2	20
American mules	2	2		4
Chinese mules		1		1
Australian horses	2	3		5
Chinese horses	1	1		2
Filipino horses	45	18	4	67
Carabaos	7	4	1	12
Cows	59	27	1	87
Dogs	5	141		146
Goats		2		2
Cats	15	99	1	115
Rats	1	17,685		17,686
Fowls	16	458		474
Domestic birds	9	2	2	13
Pigs	2	29		31
Tortoises	2			2
Total	177	18,479	11	18,667
Loads cremated:				
Garbage	917	2,287	100	3,304
Trade refuse	49	239	15	303
Market refuse	62	318	10	390
Organic matter		49		49
Waste	39	433	104	576
Old sacks		1		1
Condemned goods		32		32
Total	1,067	3,359	229	4,655

Report of Operations of the Pail-Conservancy System for the Month of June, 1904.

PAIL COLLECTIONS.

Where cleaned.	Number of installations.	Pails in use.	Pails cleaned.
Private houses	728	904	24,526
Public buildings	49	133	3,903
Public closets	19	650	13,020
Provisional collections, 9 in use		136	826
Total Manila	796	1,823	42,275
Mariquina	131	200	6,000
Grand total	927	2,023	48,275

VAULTS CLEANED.

	Cleaned by odorless excavators.		
	Vaults cleaned.	Loads removed.	Gallons removed.
Private houses	37	112	56,000
Public buildings	12	215	107,500
Military buildings			
Total	49	327	163,500

VAULTS CLEANED.

	Cleaned by contractors.		
	Permits issued.	Vaults cleaned.	Barrels contents removed.
Private houses	265	265	3,432
Public buildings			
Military buildings	30		127
Total	295	265	3,559

Report of Disinfections for the Month of June, 1904.

Diseases.	Number of disinfections.	Number of contacts.
Cholera		
Bubonic plague	2	5
Smallpox	7	15
Typhoid fever	1	1
Leprosy	1	3
Consumption	1	
Bedbugs	1	
Glanders	6	5
Lymphangitis	1	
Insanitary condition	23	
Total	43	29

Reports Received of Lepers Living in the Various Provinces of the Philippine Islands to June 30, 1904.

Province.	Race.	Number of men.	Number of women.	Children.		Single.		Married.		Widowers.	Widows.	Total.
				M.	F.	M.	F.	M.	F.			
Antique	Filipino	92	37	2	2	38	28	42	4	12	5	133
Batangas	do	36	17			27	6	5	8	4	3	53
Bataan	do	10	4	1	1	5		3	2	2	2	16
Benguet	Igorrote	31	10	1	1	1		21	10	9		43
Ambos Camarines	Filipino	33	17	1	1	24	12	8	5	1		52
Bulacan	do	17	9	2	1	12	6	5	3			29
Ilocos Norte	do	45	28	5	2	9	10	31	8	5	10	80
Ilocos Sur	do	176	84	4	2	101	50	61	22	14	12	266
Leyte	do	49	38	1	3	26	27	20	7	3	4	91
Masbate	do	51	35	25	10	22	15	27	15	2	5	121
Cagayan	do	57	42		3	25	11	25	28	7	3	102
Lepanto	do	14	4	1		5	1	8		1	3	19
Cavite	do	17	5		3	16	3	1			2	25
Nueva Ecija	do	44	24			19	12	23	7	2	5	68
Negros Occidental	do	26	11	5	1	17	10	8	1	1		43
Pampanga	do	8	5	2		3	1	5	3		1	15
Pangasinan	do	120	80	2	3	36	28	65	38	19	14	205
Rizal	do	41	24	2		17	14	21	7	3	3	67
Marinduque	do	1	1	1			1	1				3
Laguna	do	28	9			10	5	13	2	5	2	37
San Lazaro	do	108	82	23	11	70	45	26	20	12	17	224
Tarlac	do	27	24	11	4	7	9	18	10	2	5	66
Sorsogon	do	75	33	1	1	32	18	40	10	3	5	110
Romblon	do	13	14			5	9	8	4		1	27
Samar	do	39	32	13	8	15	11	21	18	3	3	92
Union	do	43	28	3		15	14	24	12	4	2	74
Zambales	do	58	35	2		30	15	24	15	4	5	95
Mindanao	Moro	140	74	3	3	86	44	45	18	9	12	220
Cebu	Filipino	171	89	5	4	136	64	32	22	3	3	269
Iloilo	do	231	66	11	2	113	37	94	9	24	20	310
Negros Oriental	do	66	42	6	2	27	23	32	14	7	5	116
Isabela	do	18	4	1		3	1	10	3	5		23
Tayabas	do	1								1		1
Albay	do	68	33	1	1	30	18	27	10	11	5	103
Nueva Vizcaya	do	13	12	2		7	3	4	6	2	3	27
Abra	do	11	6			5	4	5	2	1		17
Bohol	do	46	46	5	1	20	19	23	21	3	6	98
Capiz	do	44	33	19	9	30	20	13	12	1	1	105
Surigao	do		1								1	1
Misamis	do	50	20	1		28	11	17	4	5	5	71
Total		2,118	1,158	162	79	1,072	605	856	380	190	173	3,517

NOTE.—This table has been compiled from former reports which are more or less inaccurate. A new census of the lepers is now being taken by the provincial boards of health throughout the Archipelago.

Reports Received of Insane Persons Living in the Various Provinces of the Philippine Islands to June 30, 1904.

Province.	Race.	Number of Males.	Number of Females.	Children.		Single.		Married.		Widowers.	Widows.	Total.
				M.	F.	M.	F.	M.	F.			
Abra	Filipino	19	9			12	3	5	2	2	4	28
Albay	do	69	86	4	2	47	54	12	22	6	8	155
Ambos Camarines	do	73	62		3	50	37	19	16	4	6	135
Antique	do	29	24			23	7	4	15	2	2	53
Batangas	do	56	73	2	1	36	44	13	15	5	13	129
Bataan	do	11	10	1		4	3	5	3	1	4	21
Bohol	do	338	328	18	11	247	254	54	49	19	14	666
Bulacan	do	46	28			32	12	14	10		6	74
Capiz	do	36	36		1	18	17	13	11	5	7	72
Cavite	do	28	23			20	8	7	9	1	6	51
Cebu	do	448	336	11	3	351	268	68	51	18	14	784
Ilocos Norte	do	53	44	1		36	21	14	12	2	11	97
Ilocos Sur	do	89	86		2	61	56	22	20	6	8	175
Iloilo	do	98	91			64	46	24	21	10	24	189
Isabela	do	9	5			4	1	5	3		1	14
La Laguna	do	71	72	3	5	45	40	17	18	6	9	143
Lepanto-Bontoc	do	10	7			6	5	3		1	2	17
Masbate	do	17	19		1	12	11	4	4	1	3	36
Mindoro	do	9	7			8	4	1	2		1	16
Misamis	do	81	72	2	1	52	39	22	19	5	13	153
Negros Occidental	do	78	49	1	1	56	23	11	13	10	12	127
Nueva Ecija	do	30	17	1		24	11	3	4	2	2	47
Nueva Vizcaya	do	4	5			4	1		3		1	9
Pampanga	do	29	28			22	17	7	8		3	57
Pangasinan	do	93	86	6	5	45	44	26	22	16	15	179
Rizal	do	42	27			23	16	16	7	3	4	69
Romblon	do	22	5					16	4	6	1	27
Samar	do	32	28			23	20	4	4	5	4	60
Sorsogon	do	86	65			66	40	16	19	4	6	151
Tarlac	do	8	8			5	5	3	2		1	16
Tayabas	do	112	83	4	1	89	66	11	8	8	8	195
Union	do	29	15	1		16	10	10	4	2	1	44
Zambales	do	9	17			7	7	2	1		9	26
Total		2,164	1,851	55	37	1,508	1,190	451	401	150	223	4,015

Sanitary Engineer's Division—Number of Houses on which Work has been Completed, in Accordance with Orders Issued by this Office during June, 1904.

Sanitary districts.	Number.
Station A, San Nicolas	12
Station C, Tondo	8
Station F, Quiapo	8
Station G, Santa Cruz	4
Station I, Sampaloc	7
Station J, Intramuros	5
Station L, Ermita, Malate, Paco, etc	14
Total	58

New orders issued during June, 1904, 60. Letters sent to property owners concerning faulty work done, and requesting work ordered to be completed at a certain date, 53.

Orders Issued and Complied with during the Month.

District.	Issued.	Complied with.
Station A, San Nicolas	13	12
Station C, Tondo	15	9
Station F, Quiapo	1	3
Station G, Santa Cruz	2	
Station I, Sampaloc	2	1
Station J, Intramuros		
Station L, Ermita, Malate, etc	2	2
Total	35	27

Tabulated Statement of the Amount of Vaccine Virus Distributed by the Board of Health during the Month of June, 1904.

	Units
Inhabitants of the Philippine Islands (Manila not included)	113,100
Used by public vaccinators and public institutions in the city of Manila	48,875
Total	161,975

Report of Vaccination, City of Manila, during the Month of June, 1904.

[SATURNINO ESPEJO, *Chief Vaccinator.*]

Sanitary districts.	Males.	Females.	Adults.	Children.	Results.		Total.
					Positive.	Negative.	
Sanitary District No. 1, San Nicolas	12,336	5,244	15,752	1,828	865	6,550	17,580
Sanitary District No. 2, Tondo	156	150	146	160	91	215	306
Sanitary District No. 3, Quiapo	65	40	45	60	17	88	105
Sanitary District No. 4, Santa Cruz	173	138	137	174	81	230	311
Sanitary District No. 5, Sampaloc	129	187	168	148	61	255	316
Sanitary District No. 6, Intramuros	20	6	16	10	24	2	26
Sanitary District No. 7, Ermita, Paco, etc	63	21	58	26	30	54	84
Total	12,942	5,786	16,322	2,406	1,169	7,394	18,728

Smallpox Report for Manila from June 1 to June 30, 1904.

	Cases.		Deaths.	
	M.	F.	M.	F.
Americans	1		1	1
Filipinos	4	1	1	1
Europeans				
Chinese				
Total	5	1	2	2

	C.	D.
San Nicolas		
Tondo	1	1
Quiapo		1
Santa Cruz	2	
Sampaloc		
Intramuros	2	1
Ermita	1	1
Total	6	4

	C.	D.
Under 1 year		
From 1 year to 5 years	1	1
From 5 years to 10 years		
From 10 years to 20 years	2	
From 20 years to 30 years	2	2
From 30 years to 40 years		
From 40 years to 50 years		
From 50 years and above		
Unknown	1	1
Total	6	4

Number of cases found alive	4
Number of cases found dead	2
Total	6

Bubonic Plague Report for Manila from June 1 to June 30, 1904.

	Cases.		Deaths.	
	M.	F.	M.	F.
Americans				
Filipinos				
Europeans				
Chinese	2		2	
Total	2		2	

	Cases.	Deaths.
San Nicolas	2	2
Tondo		
Quiapo		
Santa Cruz		
Sampaloc		
Intramuros		
Ermita		
Total	2	2

	Cases.	Deaths.
Under 1 year		
From 1 year to 5 years		
From 5 years to 10 years		
From 10 years to 20 years		
From 20 years to 30 years	2	2
From 30 years to 40 years		
From 40 years to 50 years		
From 50 years and above		
Total	2	2

Number of cases found alive	0
Number of cases found dead	2
Total	2

Epidemic of Cholera in the City of Manila and Provinces from March 20, 1902, to June 30, 1904.

Months.	Manila.		Provinces.	
	Cases.	Deaths.	Cases.	Deaths.
1902.				
March	108	90		
April	586	406	1,927	1,417
May	550	442	2,407	1,631
June	601	492	5,204	4,097
July	1,368	1,053	7,757	5,807
August	720	581	11,247	7,874
September	273	179	43,346	27,410
October	87	57	30,837	18,572
November	336	236	12,353	6,681
December	35	24	5,918	3,583
1903.				
January	7	4	4,921	2,757
February	2	1	2,997	2,009
March	6	6	1,903	1,124
April	33	27	1,772	1,147
May	230	212	1,402	885
1903—Continued.				
June	39	38	3,554	2,945
July	42	38	4,167	2,806
August	89	72	10,212	7,406
September	290	263	4,613	3,672
October	127	118	2,531	1,969
November	31	26	1,119	937
December	14	13	364	270
1904.				
January	4	5	35	24
February	3	3	61	42
March			23	10
April			1	
May				
June				
Total	5,581	4,386	160,671	105,075

Bureau of Government Laboratories, Biological Laboratory Report, May, 1904.

	Positive.	Negative.	Total.
Microscopic examinations for—			
Gonococci	141	1,371	1,512
Necropsies:			
Plague	10		10
Other diseases	19		19
Rats received			65
Rats examined		65	

Bureau of Government Laboratories, Biological Laboratory Report, June, 1904.

	Positive.	Negative.	Total.
Microscopic examinations for—			
Gonococci	120	1,424	1,544
Examination of feces:			
Cholera		1	1
Examination of blood—			
Lepra bacillus		3	3
Miscellaneous—			
Surra in carabaos	36	323	359
Soda water	1		1
Rats received			20
Rats examined for plague		20	20
Necropsies—			
Plague		2	2
Others		10	10

Station of Mariquina, Rizal.—Monthly Sanitary Report for June, 1904.

Houses inspected by the Chief Sanitary Inspector	927
Houses reinspected for verification of work ordered	290
Houses inspected by sanitary inspectors	20,679
Houses reinspected by sanitary inspectors	4,918
Houses ordered cleaned (verbal)	229
Houses cleaned	210
Houses disinfected	5
Number of persons reported sick to municipal physicians	112
Yards ordered cleaned	922
Yards cleaned	896
Number of orders issued during the month	1,231
Number of orders complied with during the month	1,106
Number of regular inspectors on duty	1
Number of emergency inspectors on duty	17
Number of leper cases in district	8
Number of smallpox cases reported	5

Meteorological Data Deduced from Hourly Observations.

Date.	Barometer,[1] mean.		Temperature. Mean.		Temperature. Maximum.		Temperature. Minimum.		Relative humidity, mean.	Wind. Prevailing direction.	Wind. Total daily motion.		Wind. Maximum. Force.		Wind. Maximum. Direction.	Sunshine.	Rainfall.	
	Inches.	*mm.*	°*C.*	°*F.*	°*C.*	°*F.*	°*C.*	°*F.*	*Per ct.*		*Km.*	*Miles.*	*Km.*	*Miles.*		*h. m.*	*Inch.*	*mm.*
1	29.796	756.79	28.7	83.7	35.9	96.6	23.4	74.1	74.1	SE., ENE.	152	94	18	12	WNW.	8-15		
2	29.804	57.00	28.3	82.9	32.3	90.1	24.1	75.4	75.5	W.	192	119	24	15	WSW.	8-30		
3	29.791	56.67	27.6	81.7	33.0	91.4	23.7	74.7	78.6	SW.-W.	306	190	29	18	WSW.	8-25	1.134	28.8
4	29.810	57.14	28.0	82.4	32.3	90.1	23.6	74.5	78.6	WSW.	302	188	30	19	WSW.	8-00	0.110	2.8
5	29.825	57.54	28.4	83.1	32.0	89.6	23.9	75.0	81.9	W.	276	172	23	14	WSW.	6-40	0.256	6.5
6	29.852	58.22	28.6	83.5	34.1	93.4	24.8	76.6	84.7	SSW.	140	87	14	9	SSW.	5-40		
7	29.877	58.86	28.0	82.4	33.8	92.8	23.7	74.7	80.5	WSW., ESE.	178	111	20	12	S.	7-45	0.028	0.7
8	29.878	58.91	27.0	80.6	32.9	91.2	23.8	74.8	86.2	ENE.	164	102	15	9	W.	5-30	0.122	3.1
9	29.866	58.58	26.6	79.9	33.9	93.0	23.7	74.7	86.6	NE.	188	117	24	15	SSW.	6-20	0.307	7.8
10	29.836	57.83	27.5	81.5	32.2	90.0	23.0	73.4	82.1	WSW.	196	122	24	15	WSW.	7-50		
11	29.807	57.08	27.8	82.0	31.6	88.9	23.7	74.7	81.3	SW.-W.	172	107	17	11	SW.	7-00	0.161	4.1
12	29.781	56.42	27.1	80.8	30.8	87.4	24.0	75.2	83.4	E.	156	97	15	9	SSE.	1-05	0.035	0.9
13	29.817	57.34	26.0	78.8	30.4	86.7	23.6	74.5	85.8	E.	181	112	19	12	SSW.	1-15	0.244	6.2
14	29.867	58.60	26.8	80.2	31.8	89.2	23.1	73.6	80.9	E.	110	68	9	6	S.	1-30	0.024	0.6
15	29.869	58.66	28.2	82.8	32.7	90.9	23.6	74.5	79.1	ESE., WSW.	228	142	24	15	WSW.	7-20		
16	29.829	57.64	28.5	83.3	32.1	89.8	23.4	74.1	77.9	WSW.	328	204	32	20	WSW.	11-00		
17	29.793	56.73	28.2	82.8	31.4	88.5	24.9	76.8	84.0	WSW.	344	214	34	21	WSW.	6-30	0.118	3.0
18	29.804	57.01	26.5	79.7	31.2	88.2	24.1	75.4	89.0	S.-SW.	236	147	28	18	SW.	5-20	0.831	21.1
19	29.846	58.07	27.3	81.1	31.9	89.4	23.3	73.9	83.0	SSW.-WSW	270	168	34	21	SW. by W.	8-35		
20	29.904	59.54	26.9	80.4	32.2	90.0	22.8	73.0	83.5	E., SW.	186	116	23	14	SW.	8-55	1.118	28.4
21	29.902	59.50	27.5	81.5	32.2	90.0	23.2	73.8	82.5	E., W.	180	112	18	12	SSW.	8-15		
22	29.830	57.68	27.4	81.3	31.7	89.1	23.3	73.9	84.9	NE., SW.	244	152	25	16	WSW.	6-00	0.197	5.0
23	29.694	54.22	26.1	79.0	30.8	87.4	23.2	73.8	88.8	N.	221	137	20	12	SW.	3-15	1.453	36.9
24	29.547	50.48	26.2	79.2	29.2	84.6	23.4	74.1	89.5	SW.	630	391	56	35	SW. by W.	0-00	0.992	25.2
25	29.594	51.69	25.1	77.2	25.9	78.6	23.3	73.9	92.0	SW.	1229	764	65	40	WSW.	0-00	4.228	107.4
26	29.737	55.30	24.2	75.6	25.8	78.4	22.4	72.3	91.9	SS.-W.	537	334	48	30	SW. by W.	0-00	2.012	51.1
27	29.842	57.99	24.6	76.3	27.9	82.2	22.5	72.5	91.8	SSW.	267	166	28	18	SW.	0-55	2.685	68.2
28	29.875	58.80	26.6	79.9	30.9	87.6	22.9	73.2	87.0	S., SW	286	178	34	21	WSW.	5-30	0.150	3.8
29	29.828	57.62	27.4	81.3	30.5	86.9	23.9	75.0	85.6	SW. by W.	356	221	28	18	WSW.	7-50	0.941	23.9
30	29.764	56.01	27.4	81.3	30.0	86.0	24.3	75.7	86.6	WSW.	372	231	34	21	WSW.	1-20	0.063	1.6
Mean	29.809	757.13	27.2	80.9	31.4	88.6	23.6	74.4	83.9		287.6	178.8	27.1	16.9		5-29		
Total											8,627	5,363				164-30	17209	437.1

[1] Corrected for instrumental error and for temperature and reduced to sea level. Correction to standard gravity —1.72 mm. (—0.068 inch).

UNIV. OF MICH.
NOV 30 1904

MONTHLY REPORT

OF THE

Board of Health for the Philippine Islands

AND

CITY OF MANILA,

JULY, 1904.

TO THE HON. DEAN C. WORCESTER, SECRETARY OF THE INTERIOR.

E. C. CARTER, M. D., Major and Surgeon, U. S. Army,
Commissioner of Public Health.

T. R. MARSHALL, M. D.,
Chief Health Inspector for the Philippine Islands.

P. C. FREER, M. D., Ph. D.,
Superintendent of Government Laboratories.

H. D. OSGOOD, B. S.,
Sanitary Engineer for the Philippine Islands.

MANUEL GOMEZ, M. D.,
Secretary, Board of Health.

MANILA:
BUREAU OF PUBLIC PRINTING.
1904.

21668

LETTER OF TRANSMITTAL.

DEPARTMENT OF THE INTERIOR,
BOARD OF HEALTH FOR THE PHILIPPINE ISLANDS,
OFFICE OF THE COMMISSIONER,
Manila, August 19, 1904.

Sir: I have the honor to submit the following report of the operations of the Board of Health for the Philippine Islands and the city of Manila for the month of July, 1904:

Report.—This report deals principally with the vital and sanitary statistics of the municipality of Manila. Provincial statistics are not received in time for monthly publication.

Population.—For statistical purposes, the official census figures of 219,941 are employed, notwithstanding the increase in the population of the city, due to the return of a large number of people who had moved to the provinces during the cholera epidemic.

Marriages.—Forms for recording marriage statistics have been prepared and are now in the hands of the Public Printer. It is the purpose of the Board of Health to keep accurate statistics of all marriages performed in the Philippine Islands.

Births.—There were 673 births reported, as compared with 346 for the month of July, 1903. The returns are still far from being complete, though great improvement has been made in this respect, as shown by the following figures covering the period from July, 1903, to July, 1904, both dates included:

July, 346; August, 429; September, 499; October, 420; November, 412; December, 344; January, 467; February, 526; March, 635; April, 560; May, 620; June, 600; July, 673.

The number of births reported gives a rate of only 36.05 to the thousand.

Infectious diseases.—Only 3 cases of smallpox occurred in the city of Manila during the month—2 Filipinos, and 1 European, a native of Scotland. One of the Filipinos died, and the other two cases recovered.

There were 11 cases of plague with 10 deaths, classified racially as follows: Americans, 1 case, 1 death; Chinese, 5 cases, 4 deaths; Filipinos, 5 cases, 5 deaths.

Other diseases.—The extent of the prevalence of other diseases in the city may be seen by reference to the table of the principal causes of death.

Deaths.—The records of the Bureau show that there were 866 deaths of permanent residents of Manila and 56 deaths of transients, making a total of 922 deaths in the city as against 847 for the month of June.

Death rate.—The city death rate, transients not included, was 46.39 per thousand as compared with 44.28 for the preceding month.

Infant mortality.—Forty-eight per cent of all deaths in the city of Manila, including transients but excluding stillbirths, occurred among children less than 1 year of age.

Deaths at advanced ages.—The table of deaths by ages shows that there were 12 deaths of persons between 70 and 80 years; 12 between 80 and 90 years; 7 between 90 and 100 years; and 1 over 100 years of age.

Certificate No. 5579, dated July 30, 1904, reports the death of Benjamina Mallares at the advanced age of 131 years and 5 months. Dr. George D. Fairbanks, district medical inspector in charge of Health District No. 1, and Dr. F. Herrera, district municipal physician, made extended inquires for the purpose of verifying the statement in respect of the age of this woman. They found persons who allege that they have seen the certificate of her baptism which, according to the story, took place in her native town of Macabebe, Pampanga Province, in February, 1783; however, as is usual in such cases, documentary evidence is wanting, the explanation being that this certificate with all other records of the church were destroyed during the insurrection of 1896.

There can be no doubt that this woman died at a very advanced age. There are many well-authenticated cases of persons who have lived over a hundred years, but it is not a safe thing for the statistician to pass unchallenged statements with respect to ages that extend beyond the century mark.

Causes of deaths.—The following table gives the principal causes of death and the number who died before the completion of their first year of life:

Cause.	Total deaths.	Deaths under 1 year of age.
Convulsions of children	254	246
Diarrhea and enteritis, chronic	94	13
Tuberculosis of lungs	81	
Meningitis, simple	51	25
Chronic bronchitis	38	22
Dysentery	37	1
Acute bronchitis	35	24
Diarrhea and enteritis, chronic (under 2 years)	35	23
Diarrhea and enteritis, chronic (2 years and over)	15	
Congenital debility	33	33
Other diseases of early infancy	10	6
Eclampsia, nonpuerperal	25	25
Beri-beri	19	
Tetanus	16	13
Senile debility	14	
Accidental submersion	12	
Plague	10	
Pneumonia	9	
Organic diseases of the heart	9	
Cerebral congestion and hemorrhage	8	
Intermittent fever	8	1
Tuberculosis of larynx	7	
Malarial cachexia	6	
Asthma	6	
Tuberculosis of meninges	5	4
Bright's disease	5	
Accidental traumatism	5	

General sanitation.—Statistical tables are published in this report showing the extent of the general work of sanitation performed under the direction of this Bureau and that accomplished by certain departments of the city government

Special sanitation.—The Chief Health Inspector has recently undertaken the work of treating uncovered wells, stagnant ponds, and other similar places in the city with crude petroleum, for the purpose of preventing the breeding of mosquitoes in such places.

Very respectfully,

E. C. CARTER,
Major and Surgeon, United States Army,
Commissioner of Public Health.

The SECRETARY OF THE INTERIOR, *Manila P. I.*

Population of Manila.

[Official census of 1903.]

Americans	4,389
Filipinos	189,782
Spaniards	2,528
Other Europeans	1,117
Chinese	21,230
All others	895
Total	219,941

Births Reported in July, 1904.[1]

	Male.	Female.	Total.
Americans	4	1	5
Filipinos	336	320	656
Spaniards	2	2	4
Other Europeans		1	1
Chinese	4	3	7
All others			
Total	346	327	673

[1] Incomplete.

Annual Birthrate per Thousand for the Month.

Americans	13.42
Filipinos	40.72
Spaniards	18.64
Other Europeans	10.54
Chinese	3.88
All others	0
Average	36.05

Monthly Report of San Lazaro Hospital, Women's and Leper Departments, for July, 1904.

	Leper department.							Women's department.				
	Europeans.		Filipinos.		Chinese.		Total.	Americans.	Europeans.	Filipinas.	Japanese.	Total.
	M.	F.	M.	F.	M.	F.						
Number of patients in hospital at last report		1	130	92	1		224	1	1	48	25	75
Number of patients received during the month			3				3		2	52	33	87
Number of patients discharged								1	1	42	33	77
Number of deaths												
Number of patients escaped												
Number of patients remaining in hospital		1	133	92	1		227		2	58	25	85

Discharged cured, 1 American, 1 European, 37 Filipinas, and 33 Japanese. Transferred to San Juan de Dios Hospital, uncured, 1 Filipina. Transferred to custody of police, 4 Filipinas.

Bilibid Prison Sick Report for the Month of July, 1904.

Diseases.	Total sick as per last report.	Taken since last report.	Died.	Discharged.	Total number sick this date.
Acute general peritonitis from perforation of a mass of fish bones		1	1		
Amputation hand and forearm (old tubercular dermatitis and ostitis)		1		1	
Beri-beri		2	2		
Chronic indurated hydrocele. Desection of tunica vaginalis		1		1	
Dysmenorrhea		1		1	
Fever, malarial intermittent	1	2		2	1
Fecal impaction		1		1	
Gangrene of finger. Amputation		1		1	
Gastro-enteritis, acute		1		1	
Gonorrheal opthalmia		2		2	
Hydrocele. Radical operation	1			1	
Intestinal amebiasis	1	34	3	27	5
Malarial cachexia		4	1	3	
Morphinism		1			1
Pneumonia, lobar	5	23	6	18	4
Prolapsus of the rectum—operation, desection of the hemorrhoidal zone		1		1	
Sequestrotomy of radius, old gunshot wound	1			1	
Sequestrotomy of femur lower third, old gunshot wound		1			1
Strangulated hernia (inguinal) herniotomy		1		1	
Tuberculosis, pulmonary	14	5	3	7	9
Fever, malarial remittent		1			1
Total	23	84	16	69	22

Convalescents, 34; disabled, 88; insane, 3. Total number prisoners, 4,306.

Bilibid Prison Report of Deaths Occurring During the Month of July, 1904.

	Presidio.				Carcel.				Total.
	Filipinos.		Chinese.		Filipinos.		Chinese.		
	M.	F.	M.	F.	M.	F.	M.	F.	
Malarial cachexia					1				1
Intestinal amebiasis	1				2				3
Beri-beri					2				2
Pulmonary tuberculosis	3								3
Acute endocarditis									
Lobar pneumonia	4				2				6
Acute general peritonitis					1				1
Suicide	1								1
Total	9				8				17

Condition:
- Single 9
- Married 8

Cemeteries:
- Norte 17
- Chinese 0

Deaths Occurring During the Month of July, 1904.

Americans	6
Filipinos	809
Spaniards	4
Other Europeans	2
Chinese	45
All others	0
Total	866

Annual Death Rate per Thousand for the Month.

Americans	16.10
Filipinos	50.22
Spaniards	18.64
Other Europeans	21.09
Chinese	24.97
All others	0
Average	46.39

Deaths by Age, including transients.

Under 30 days	98
30 days to 1 year	362
1 year to 2 years	98
2 years to 5 years	63
5 years to 10 years	13
10 years to 15 years	5
15 years to 20 years	21
20 years to 25 years	27
25 years to 30 years	42
30 years to 40 years	56
40 years to 50 years	54
50 years to 60 years	36
60 years to 70 years	11
70 years to 80 years	12
80 years to 90 years	12
90 years to 100 years	7
100 years and over	1
Unknown	4
Total	922

Stillbirths, 21.

Deaths by Districts, including transients.

District.	Population.	Deaths.	Rate per 1,000,
Walled City	11,463	35	35.97
Binondo	16,613	67	47.51
San Nicolas	29,059	77	31.21
Tondo	39,045	228	68.80
Santa Cruz	35,040	125	41.77
Quiapo	11,149	69	72.91
Sampaloc	18,779	86	53.95
San Miguel	8,838	32	42.65
Paco	6,725	29	50.80
Ermita	12,226	23	22.16
Malate	8,858	61	80.90
Pandacan	2,990	12	47.28
Santa Ana	3,255	17	61.53
Transient residents	15,901	56	41.49
Unknown		5	
Total	219,941	922	

A Classified Report of all Deaths Occurring in Manila, including transients, During the Month of July, 1904.

Males.

Married	75
Widowers	27
Single	68
Boys	332
Condition not stated in certificate	13
Total	515

Stillbirths, 21.

Females.

Married	53
Widows	38
Single	12
Girls	302
Condition not stated in certificate	2
Total	407
Grand total	922

Number of deaths with medical attendance	445
Number of deaths without medical attendance	477
Total	922

Comparative Mortality from January 1, 1900, to July 31, 1904.

Month.	1900.		1901.		1902.		1903.		1904.	
	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.
January	1,055	[1] 50.79	753	[1] 36.25	760	[1] 36.58	602	[1] 28.98	796	[2] 42.64
February	884	[1] 47.11	689	[1] 36.72	706	[1] 37.63	511	[1] 27.23	709	[2] 40.59
March	887	[1] 42.70	885	[1] 42.66	770	[1] 37.06	539	[1] 25.94	751	[2] 40.23
April	805	[1] 40.04	886	[1] 44.07	1,327	[1] 66.01	549	[1] 27.31	748	[2] 41.40
May	732	[1] 35.24	903	[1] 43.47	1,688	[1] 81.26	770	[1] 37.06	766	[2] 41.03
June	599	[1] 29.79	621	[1] 30.89	1,418	[1] 70.54	592	[1] 29.45	800	[2] 44.28
July	787	[1] 37.88	608	[1] 29.27	2,223	[1] 107.02	620	[2] 33.21	866	[2] 46.39
August	825	[1] 39.71	702	[1] 33.79	1,712	[1] 82.42	862	[2] 46.17		
September	1,027	[1] 50.01	767	[1] 38.15	1,132	[1] 56.31	1,228	[2] 67.97		
October	961	[1] 46.23	855	[1] 41.16	927	[1] 44.62	1,217	[2] 65.19		
November	976	[1] 48.48	848	[1] 42.18	1,035	[1] 51.48	974	[2] 53.91		
December	905	[1] 43.54	858	[1] 41.30	753	[1] 36.25	894	[2] 47.89		

[1] Death rate computed on population of 244,732 (Health Department's census).
[2] Death rate computed on population of 219,941 (official census 1903).

Of the total number of deaths occurring during the month of July, 1904, 922, including transients, 639 were of persons less than 16 years of age. Of the remaining 283 adults of both sexes only 204, classified below, had definite occupations:

Males:	
Laborers	38
Drivers	7
Cigarette maker	1
Bakers	2
Carriers	4
Stenographer	1
Tailors	2
Servants	8
Fisherman	1
Machinists	3
Grass sellers	2
Policeman	1
Silversmiths	3
Painters	3
Merchants	10
Carpenters	4
Cooks	5
Printers	2
Sailors	2
Property owners	2
Catholic priest	1
Clerks	5
Tinner	1
Musician	1
Artist	1
Carriage maker	1
Watch maker	1
Males—Continued.	
Barbers	2
Boatmen	3
Firemen	2
Messengers	4
Livery stable keeper	1
Laundryman	1
Calker	1
Stoker	1
Harness maker	1
Landlord	1
Shopkeepers	8
Mason	1
Student	1
Physician	1
Total	140
Females:	
Seamstresses	15
Landladies	13
Shopkeepers	3
Laundry women	10
Teachers	2
Servants	3
Cigar makers	9
Embroiderers	5
Midwife	1
Fisherwoman	1
Milliner	1
Cook	1
Total	64
Grand total	204

CAUSES OF DEATHS FOR THE MONTH OF JULY, 1904.

(STILLBIRTHS NOT INCLUDED.)

	Nomenclature Designed for the Statistics of Death.	Nomenclatura para las Estadísticas de Defunciones.	Americans. M.	Americans. F.	Foreigners. M.	Foreigners. F.	Filipinos. M.	Filipinos. F.	Chinese. M.	Chinese. F.	Total.
	I. General Diseases.	**I. Enfermedades Generales.**									
1	Typhoid fever (abdominal typhus)	Fiebre tifoidea					2	1			3
2	Exanthematic typhus	Tifus exantemático									
3	Recurrent fever	Fiebre recurrente									
4	Intermittent fever and malarial cachexia	Fiebre intermitente					2	2	1		5
4a	Malarial cachexia	Caquexia palúdica					1	1	1		3
5	Variola	Viruelas						1			1
6	Measles	Sarampión									
7	Scarlatina	Escarlatina									
8	Whooping cough	Tos ferina									
9	Diphtheria and croup	Difteria y crup									
9a	Diphtheria	Difteria									
10	Grippe	Gripe					1				1
11	Miliary fever	Fiebre miliar									
12	Asiatic cholera	Cólera asiático									
13	Cholera nostras	Cólera nostras									
14	Dysentery	Disentería			1		8	15	7		31
14a	Epidemic dysentery	Disentería epidémica	1								1
15	Plague	Peste	1				4		4		9
16	Yellow fever	Fiebre amarilla									
17	Leprosy	Lepra									
18	Erysipelas	Erisipelas									
19	Other epidemic affections (beri-beri)	Otras afecciones epidémicas (Beri-beri)					7	8	3		18
20	Purulent infection and septicæmia	Infección purulenta y septicemia					2				2
21	Glanders and farcy	Muermo y lamparones									
22	Malignant pustule and anthrax	Pústula maligna y antrax									
23	Rabies	Rabia									
24	Actinomycosis, trichinosis, etc	Actinomicosis, trichinosis, etc									
25	Pellagra	Pelagra									
26	Tuberculosis of larynx	Tuberculosis de la laringe					3	4			7
27	Tuberculosis of lungs	Tuberculosis del pulmón					39	29	9		77
28	Tuberculosis of meninges	Tuberculosis de las meninges					3	2			5
29	Tuberculosis of abdomen	Tuberculosis abdominal					1	1			2
30	Pott's disease	Mal de Pott									
31	Cold abscess and abscess by congestion	Abscesos fríos y por congestión									
32	White swellings	Tumores blancos									
33	Tuberculosis of other organs	Tuberculosis de otros órganos									
34	Generalized tuberculosis	Tuberculosis generalizada									
35	Scrofula	Escrófula							1		1
36	Syphilis	Sífilis							1		1
37	Gonorrhea of the adult	Blenorragia en los adultos									
38	Gonococcic infections of children	Afecciones gonocócicas en los niños									
39	Cancer and other malignant tumors of the buccal cavity.	Cáncer ú otros tumores malignos en la cavidad bucal									
40	Cancer and other malignant tumors of the stomach and liver.	Cáncer ú otros tumores malignos del estómago é hígado.									
41	Cancer and other malignant tumors of the peritoneum, intestines, and rectum.	Cáncer ú otros tumores malignos del peritóneo, intestinos y recto.									
42	Cancer and other malignant tumors of the female genitals.	Cáncer ú otros tumores malignos de los órganos genitales de la mujer.									
43	Cancer and other malignant tumors of the breast	Cáncer ú otros tumores malignos de la mama						1			1
44	Cancer and other malignant tumors of the skin	Cáncer ú otros tumores malignos de la piel									
45	Cancer and other malignant tumors of other organs and organs not specified.	Cáncer ú otros tumores malignos en otros órganos						1			1
46	Other tumors (tumors of the female genitals excepted).	Otros tumores (exceptuándose los de los órganos genitales de la mujer.)									
47	Acute articular rheumatism	Reumatismo articular agudo									
48	Chronic rheumatism and gout	Reumatismo crónico y gota						4			4
49	Scurvy	Escorbuto									
50	Diabetes	Diabetes									
51	Exophthalmic goiter	Bocio exoftálmico									
52	Addison's disease	Enfermedad bronceada de Addison									
53	Leukæmia	Leucemia									
54	Anæmia, chlorosis	Anemia, clorosis					1	1			2
55	Other general diseases	Otras enfermedades generales						1			1
56	Acute alcoholism, or chronic	Alcoholismo agudo ó crónico									
57	Lead poisoning	Saturnismo									
58	Other poisonings incident to occupations	Otras intoxicaciones profesionales crónicas									
59	Other chronic poisonings	Otros envenenamientos crónicos									
	II. Diseases of the Nervous System and the Organs of Special Sense.	**II. Enfermedades del Sistema Nervioso y de los Órganos de los Sentidos.**									
60	Encephalitis	Encefalitis						1			1
61	Simple meningitis	Meningitis simple			1		26	22	1		50
61a	Epidemic cerebro-spinal meningitis	Meningitis cérebro-espinal epidémica									
62	Progressive locomotor ataxia	Ataxia locomotriz progresiva									
63	Other diseases of the spinal cord	Otras enfermedades de la médula espinal									
64	Cerebral congestion and hemorrhage	Congestión y hemorragia cerebrales					6	2			8
65	Cerebral softening	Reblandecimiento cerebral									
66	Paralysis without apparent cause	Parálisis sin indicación de causa					1				1
67	General paralysis	Parálisis generales						4			4

CAUSES OF DEATHS FOR THE MONTH OF JULY, 1904—Continued.

	Nomenclature Designed for the Statistics of Death.	Nomenclatura para las Estadísticas de Defunciones.	Americans.		Foreigners.		Filipinos.		Chinese.		Total.
			M.	F.	M.	F.	M.	F.	M.	F.	
	II.—Diseases of the Nervous System and the Organs of Special Sense—Continued.	**II.—Enfermedades del Sistema Nervioso y de los Órganos de los Sentidos**—Continuación.									
68	Other forms of insanity	Otras formas de alineación mental									
69	Epilepsy	Epilepsia									
70	Eclampsia (nonpuerperal)	Eclampsia (no puerperal)					8	14			22
71	Convulsions of children	Convulsiones en los niños					128	114		3	245
72	Tetanus	Tétano					5	10			15
73	Chorea	Corea									
74	Other diseases of the nervous system	Otras enfermedades del sistema nervioso									
75	Diseases of the eye and its adnexa	Enfermedades de ojos y sus anexos									
76	Diseases of the ear	Enfermedades de los oídos									
	III.	**III.**									
	Diseases of the Circulatory System.	**Enfermedades del Aparato Circulatorio.**									
77	Pericarditis	Pericarditis									
78	Acute endocarditis	Endocarditis aguda					2				2
79	Organic disease of the heart	Enfermedades orgánicas del corazón	1					4	4		9
80	Angina pectoris	Angina de pecho		1							1
81	Affections of the arteries (atheroma, aneurism, etc.)	Afecciones de las arterias, etc			1			1			2
82	Embolus and thrombosis	Embolia y trombosis									
83	Affections of the veins (varices, hemorrhoides, phlebitis)	Afecciones de las venas									
84	Affections of the lymphatic system (lymphangitis, etc.)	Afecciones del sistema linfático									
85	Hemorrhages	Hemorragias									
86	Other affections of the circulatory system	Otras afecciones del aparato circulatorio									
	IV.	**IV.**									
	Diseases of the Respiratory System.	**Enfermedades del Aparato Respiratorio.**									
87	Diseases of the nasal fossæ	Enfermedades de las fosas nasales									
88	Affections of the larynx	Afecciones de la laringe									
89	Affections of the thyroid body	Afecciones del cuerpo tiroideo									
90	Acute bronchitis	Bronquitis aguda					11	24			35
91	Chronic bronchitis	Bronquitis crónica					19	15	2		36
92	Broncho-pneumonia	Bronco-pneumonia					1	1			2
93	Pneumonia	Pneumonía					2	1			3
94	Pleurisy	Pleuresía			1						1
95	Pulmonary congestion and apoplexy	Congestión apoplegía pulmonares					2	1			3
96	Gangrene of the lungs	Gangrena del pulmón									
97	Asthma	Asma					2	3	1		6
98	Pulmonary emphysema	Enfisema pulmonar									
99	Other diseases of the respiratory system (phthisis excepted).	Otras enfermedades del aparato respiratorio (exceptuándose la tisis).									
	V.	**V.**									
	Diseases of Digestive System.	**Enfermedades del Aparato Digestivo.**									
100	Affections of the mouth and its adnexa	Afecciones de la boca y de sus anexos									
101	Affections of the pharynx	Afecciones de la faringe									
102	Affections of the esophagus	Afecciones del esófago									
103	Ulcer of the stomach	Ulcera del estómago					2				2
104	Other affections of the stomach (cancer excepted)	Otras afecciones del estómago (exceptuándose el cáncer).					2	1			3
105	Diarrhea and enteritis (under 2 years)	Diarrea y enteritis (en niños menores de 2 años)			1		16	16			33
105a	Chronic diarrhea and enteritis	Diarrea y enteritis crónica					45	45	1		91
106	Diarrhea and enteritis (2 years and over)	Diarrea y enteritis (en niños de 2 ó más años)					8	4			12
107	Intestinal parasites	Parásitos intestinales						1			1
108	Hernias: Intestinal obstructions	Hernias; obstrucciones intestinales					2				2
109	Other affections of the intestines	Otras afecciones del intestino						1			1
110	Acute yellow atrophy of the liver	Ictericia grave					1				1
111	Hydatid tumors of the liver	Tumores hidátidicos del hígado									
112	Cirrhosis of the liver	Cirrosis del hígado					1		1		2
113	Biliary calculi	Cálculos biliares									
114	Other affections of the liver	Otras afecciones del hígado									
115	Affections of the spleen	Afecciones del bazo									
116	Simple peritonitis (puerperal excepted)	Peritonitis simple (exceptuándose la puerperal)					1				1
117	Other affections of the digestive system (cancer and tuberculosis excepted).	Otras afecciones del aparato digestivo (exceptuándose el cáncer y tuberculosis).									
118	Appendicitis and abscess of the iliac fossa	Apendicitis y filimón de la fosa iliaca									
	VI.	**VI.**									
	Diseases of the Genito-Urinary System and its Adnexa.	**Enfermedades del Aparato Génito Urinario y de sus Anexos.**									
119	Acute nephritis	Nefritis aguda					1	2		1	4
120	Bright's disease	Mal de bright	1				3				4
121	Other diseases of the kidneys and their adnexa	Otras enfermedades de los riñones y de sus anexos									
122	Calculi of the urinary tract	Cálculos de las vías urinarias									
123	Diseases of the bladder	Enfermedades de la vegiga					1				1
124	Diseases of the urethra, urinary abscess, etc	Enfermedades de la uretra									
125	Diseases of the prostate	Enfermedades de la próstata									
126	Nonvenereal diseases of the male genital organs	Enfermedades no venereas de los órganos genitales del hombre.									
127	Metritis	Metritis									
128	Uterine hemorrhage (nonpuerperal)	Hemorragia uterina (no puerperal)						1			1
129	Tumor, uterine (noncancerous)	Tumor uterino (no canceroso)									
130	Other diseases of the uterus	Otras enfermedades del útero									
131	Cysts and other tumors of the ovary	Quistes y otros tumores del ovario									
132	Other diseases of the female genital organs	Otras enfermedades de los órganos genitales de la mujer.									
133	Nonpuerperal diseases of the breast (cancer excepted)	Enfermedades no puerperales de la mama (exceptuándose el cáncer).									

CAUSES OF DEATHS FOR THE MONTH OF JULY, 1904—Continued.

	Nomenclature Designed for the Statistics of Death.	Nomenclatura para las Estadísticas de Defunciones.	Americans. M.	Americans. F.	Foreigners. M.	Foreigners. F.	Filipinos. M.	Filipinos. F.	Chinese. M.	Chinese. F.	Total.
	VII.	**VII.**									
	The Puerperal State.	**Estado Puerperal.**									
134	Accidents of pregnancy	Accidentes de la preñez						1			1
135	Puerperal hemorrhage	Hemorragia puerperal						1			1
136	Other accidents of labor	Otros accidentes del parto									
137	Puerperal septicæmia	Septicemia puerperal						2			2
138	Albuminuria and puerperal eclampsia	Albuminuria y eclampsia puerperales						3			3
139	Puerperal phlegmasia alba dolens	Flegmasia alba dolens puerperal									
140	Other puerperal accidents—sudden death	Otros accidentes puerperales—muerte repentina									
141	Puerperal diseases of the breast	Enfermedades puerperales de la mama									
	VIII.	**VIII.**									
	Diseases of the Skin and Cellular Tissue.	**Enfermedades de la Piel y del Tejido Celular.**									
142	Gangrene	Gangrena									
143	Furuncle	Forúnculo									
144	Warm-acute abscess	Abscesos calientes agudos									
145	Other diseases of the skin and its adnexa	Otras enfermedades de la piel									
	IX.	**IX.**									
	Diseases of the Organs of Locomotion.	**Enfermedades de los Órganos de la Locomoción.**									
146	Affections of the bones (nontuberculous)	Afecciones de los huesos (exceptuando la tuberculosis)									
147	Diseases of the joints (tuberculosis and rheumatism excepted).	Afecciones de las articulaciones (exceptuando la tuberculosis y el reumatismo).									
148	Amputation	Amputación									
149	Other affections of the organs of locomotion	Otras afecciones de los órganos de la locomoción									
	X.	**X.**									
	Malformations.	**Vicios de Conformación.**									
150	Congenital malformations (stillbirths excepted)	Vicios de conformación congénitos (exceptuándose los de niños nacidos muertos).									
	XI.	**XI.**									
	Early Infancy.	**Primera Infancia.**									
151	Congenital debility, icterus and sclerema	Debilidad congénita, ictericia y esclerema					26	6			32
152	Other special diseases of early infancy	Otras enfermedades especiales de la primera edad					4	6			10
153	Lack of care	Falta de cuidados									
	XII.	**XII.**									
	Old Age.	**Vejez.**									
154	Senile debility	Debilidad senil			1		6	7			14
	XIII.	**XIII.**									
	Affections Produced by External Causes.	**Afecciones Producidas por Causas Exteriores.**									
155	Suicide by poison	Suicidio por envenenamiento									
156	Suicide by asphyxia	Suicidio por asfixia									
157	Suicide by hanging or strangulation	Suicidio por suspensión ó por estrangulación					1				1
158	Suicide by submersion	Suicidio por submersión									
159	Suicide by firearms	Suicidio por armas de fuego		1							1
160	Suicide by cutting instruments	Suicidio por instrumentos cortantes									
161	Suicide by jumping from high place	Suicidio por dejarse caer desde un punto elevado									
162	Suicide by crushing	Suicidio por aplastamiento									
163	Other suicides	Otros suicidios									
164	Fractures	Fracturas									
165	Dislocations	Luxaciones									
166	Other accidental traumatisms	Otros traumatismos accidentales					3	1	1		5
167	Burns	Quemaduras por el fuego							1		1
168	Burning by corrosive substances	Quemaduras por substancias corrosivas									
169	Insolation	Insolación									
170	Freezing	Congelación									
171	Electrical shocks	Conmoción eléctrica									
172	Accidental submersion	Submersión accidental					8	2	2		12
173	Inanition	Inanición									
174	Inhalation of deleterious gases (suicide excepted)	Absorción de gases deletéreos									
175	Other acute poisonings	Otros envenenamientos agudos									
176	Other external violence	Otras violencias exteriores						1			1
	XIV.	**XIV.**									
	Ill-Defined Diseases.	**Enfermedades mal Definidas.**									
177	Dropsy	Hidropesía									
178	Sudden death	Muerte repentina									
179	Unspecified or ill-defined causes of death	Causas de muerte no especificadas ó mal definidas					1				1
	Total		4	2	6		419	390	41	4	866
	Grand total		6		6		809		45		866

Number of Deaths, with Causes, Occurring Among Transients in Manila During the Month of July, 1904.

[These deaths are not included in preparing death rate of city.]

			Americans.		Foreigners.		Filipinos.		Chinese.		Total.
			M.	F.	M.	F.	M.	F.	M.	F.	
	I.	**I.**									
	General Diseases.	**Enfermedades Generales.**									
4	Intermittent fever and malarial cachexia	Fiebre intermitente y palúdica caquexia					2		1		3
4a	Malarial cachexia	Caquexia palúdica					3				3
14	Dysentery	Disentería		1	1		4				6
15	Plague	Peste (plague)					1				1
19	Other epidemic affections (beri-beri)	Otras afecciones epidémicas (beri-beri)					1				1
27	Tuberculosis of lungs	Tubérculosis de los pulmones					2	1	1		4
35	Scrofula	Escrófula					1				1
36	Syphilis	Sífilis					1				1
40	Cancer and other malignant tumors of the stomach and liver	Cáncer y otros tumores malignos del estómago ó hígado					1				1
	II.	**II.**									
	Diseases of the Nervous System and the Organs of Special Sense.	**Enfermedades del Sistema Nervioso y Otros Organos del Sentido Especial.**									
61	Meningitis, simple	Meningitis, simple						1			1
70	Eclampsia (nonpuerperal)	Eclamsia no puerperal					2	1			3
71	Convulsions of children	Convulsiones infantiles					6	3			9
72	Tetanus	Tétanus					1				1
	III.	**III.**									
	Diseases of the Circulatory System.	**Enfermedades del Aparato Circulatorio.**									
82	Embolus and thrombosis	Embolia y trombosis						1			1
	IV.	**IV.**									
	Diseases of the Respiratory System.	**Enfermedades del Sistema Respiratorio.**									
91	Chronic bronchitis	Bronquitis crónica					1	1			2
93	Pneumonia	Pneumonia					6				6
	V.	**V.**									
	Diseases of Digestive System.	**Enfermedades del Aparato Digestivo.**									
104	Other affections of the stomach (cancer excepted)	Otras afecciones del estómago (exceptuando el cáncer)					1				1
105	Diarrhea and enteritis (under 2 years)	Diarrea y enteritis (menos de 2 años)					1		1		2
105a	Diarrhea and enteritis, chronic	Diarrea y enteritis crónica					1	1	1		3
106	Diarrhea and enteritis (2 years and over)	Diarrea y enteritis (2 años ó mas)					2	1			3
108	Hernias; intestinal obstructions	Hernias; obstrucciones intestinales					1				1
	VI.	**VI.**									
	Diseases of the Genito-Urinary System and its Adnexa.	**Enfermedades del Aparato Génito Urinario y sus Anexos.**									
120	Bright's disease	Enfermedades de Bright					1				1
	XI.	**XI.**									
	Early Infancy.	**Enfermedades de la Infancia.**									
151	Congenital debility, icterus and sclerema	Debilidad congénita, ictericia y esclerema					1				1
	XII.	**XII.**									
	Old Age.	**Vejez.**									
154	Senile debility	Debilidad senil									
	XIII.	**XIII.**									
	Affections Produced by External Causes.	**Afecciones Producidas por Causas Externas.**									
164	Fractures	Fracturas									
	XIV.	**XIV.**									
	Ill-Defined Diseases.	**Enfermedades mal definidas**									
179	Unspecified or ill-defined causes of death	Muerte por causas mal especificadas ó indefinidas									
	Total			1	1		40	10	4		56
	Grand total		1		1		50		4		56

NUMBER OF DEATHS BY RACE, SEX, AND AGE.

CAUSE OF DEATH.	Less than one day to thirty days.				From thirty days to one year.				From one to five years.				From five to ten years.			
	A.	E.	F.	C.	A.	E.	F.	C.	A.	E.	F.	C.	A.	E.	F.	C.
	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.
I. General Diseases.																
1. Typhoid fever (abdominal typhus)																
4. Intermittent fever and malarial cachexia							1				1 1					
4a. Malarial cachexia															1	
5. Variola											1					
6. Measles																
10. Grippe																
12. Cholera, Asiatic																
13. Cholera nostras																
14. Dysentery							1				2 5				2 3	
15. Plague											1				1	
17. Leprosy																
18. Erysipelas																
19. Other epidemic affections (beri-beri)																
20. Purulent infection and septicæmia																
21. Glanders and farcy																
22. Malignant pustule and charbon (anthrax)																
26. Tuberculosis of larynx																
27. Tuberculosis of lungs															1	
28. Tuberculosis of meninges							3 2									
29. Tuberculosis, abdominal																
30. Pott's disease																
32. White swellings																
33. Tuberculosis of other organs																
34. Generalized tuberculosis																
35. Scrofula											1					
36. Syphilis																
39. Cancer and other malignant tumors of the buccal cavity																
40. Cancer and other malignant tumors of the stomach and liver																
42. Cancer and other malignant tumors of the female genitals																
45. Cancer and other malignant tumors of other organs, and organs not specified																
47. Acute articular rheumatism																
48. Chronic rheumatism and gout																
49. Scurvy																
53. Leukæmia																
54. Anæmia chlorosis																
55. Other general diseases																
56. Acute alcoholism, or chronic																
II. Diseases of the Nervous System and the Organs of Special Sense.																
60. Encephalitis																
61. Meningitis, simple						1	14 11	1			12 10					
63. Other diseases of the spinal cord																
64. Cerebral softening and hemorrhage																
66. Paralysis without apparent cause																
67. General paralysis																
68. Other forms of insanity																
69. Epilepsy																
70. Eclampsia (nonpuerperal)			1				9 15									
71. Convulsions of children			17 10	2			114 105	1			3 2					
72. Tetanus			5 9				1									
74b. Other diseases of the nervous system																
III. Diseases of the Circulatory System.																
77. Pericarditis																
78. Acute endocarditis																
79. Organic disease of the heart																
80. Angina pectoris																
81. Affections of the arteries (atheroma, aneurism, etc.)																
82. Embolus and thrombosis																
85. Hemorrhages																
86. Other affections of the circulatory system																
IV. Diseases of the Respiratory System.																
88. Affections of the larynx																
90. Acute bronchitis			1				8 16				2 8					
91. Chronic bronchitis			14 8				1				4 5				1 1	
92. Broncho-pneumonia							1 1									
93. Pneumonia											1				1	
94. Pleurisy																
95. Pulmonary congestion and apoplexy			2 1													
97. Asthma											1					
V. Diseases of the Digestive System.																
100. Affections of the mouth and its adnexa																
103. Ulcer of the stomach							1								1	

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	Less than one day to thirty days.								From thirty days to one year.								From one to five years.								From five to ten years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
V. Diseases of the Digestive System—Cont'd.																																
104. Other affections of the stomach (cancer excepted)																					2											
105. Diarrhea and enteritis (under 2 years)					1						1		9	14	1						7	2										
105a. Diarrhea and enteritis, chronic													7	9							37	36							1			
106. Diarrhea and enteritis (2 years and over)																					7	4										
107. Intestinal parasites																						1										
108. Hernias: Intestinal obstructions																																
109. Other affections of the intestines														1																		
110. Acute yellow atrophy of the liver																																
112. Cirrhosis of the liver																																
114. Other affections of the liver																																
116. Simple peritonitis (puerperal excepted)																																
117. Other affections of the digestive system (cancer and tuberculosis excepted)																																
VI. Diseases of the Genito-Urinary System and its Adnexa.																																
119. Acute nephritis																																
120. Bright's disease																																
122. Calculi of the urinary tract																																
127. Metritis																																
128. Uterine hemorrhage, nonpuerperal																																
129. Tumor, uterine (noncancerous)																																
133. Nonpuerperal diseases of the breast (cancer excepted)																																
VII. The Puerperal State.																																
135. Puerperal hemorrhage																																
137. Puerperal septicæmia																																
138. Albuminuria and puerperal eclampsia																																
139. Puerperal phlegmasia—alba dolens																																
140. Other puerperal accidents, sudden death																																
VIII. Diseases of the Skin and Cellular Tissue.																																
143. Furuncle																																
IX. Diseases of the Organs of Locomotion.																																
146. Affections of the bones (nontuberculous)																																
X. Malformations.																																
150 Congenital malformations (stillbirths excepted)																																
XI. Early Infancy.																																
151. Congenital debility, icterus, and sclerema					18	6							9																			
152. Other special diseases of early infancy					1	2							2	1							1	3										
153. Lack of care																																
XII. Old Age.																																
154. Senile debility																																
XIII. Affections Produced by External Causes.																																
160. Suicide by cutting instruments																																
164. Fractures																																
166. Other accidental traumatisms																																
167. Burns																																
168. Burning by corrosive substances																																
171. Electrical shocks																																
172. Accidental submersion																						1										
173. Inanition																																
176. Other external violence																																
XIV. Ill-Defined Diseases.																																
177. Dropsy																																
179. Unspecified or ill-defined causes of death													1																			
Total					60	36		2			2		180	177	2	1					81	80							7	6		
Grand total					96		2				2		357		3						161								13			

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From ten to fifteen years.				From fifteen to twenty years.				From twenty to twenty-five years.				From twenty-five to thirty years.			
	A.	E.	F.	C.	A.	E.	F.	C.	A.	E.	F.	C.	A.	E.	F.	C.
	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.
I. General Diseases.																
1. Typhoid fever (abdominal typhus)							1 1				1	1				
4. Intermittent fever and malarial cachexia							1					1				
4a. Malarial cachexia							1				1	1				
5. Variola																
6. Measles															1	
10. Grippe																
12. Cholera, Asiatic							1				1 2				2 1	2
14. Dysentery									1							
14a. Dysentery, epidemic			1	1			1									1
15. Plague																
17. Leprosy																
18. Erysipelas							1				1 1				2 1	
19. Other epidemic affections (beri-beri)											1				1	
20. Purulent infection and septicæmia																
21. Glanders and farcy																
22. Malignant pustule and charbon (anthrax)								2							3	
26. Tuberculosis of larynx				2			1	1 1			4 2	1			8 2	1
27. Tuberculosis of lungs																
28. Tuberculosis of meninges																
29. Tuberculosis, abdominal																
30. Pott's disease																
32. White swellings																
33. Tuberculosis of other organs																
34. Generalized tuberculosis																1
35. Scrofula																
36. Syphilis																
39. Cancer and other malignant tumors of the buccal cavity																
40. Cancer and other malignant tumors of the stomach and liver																
42. Cancer and other malignant tumors of the female genitals																
45. Cancer and other malignant tumors of other organs, and organs not specified																
47. Acute articular rheumatism																
48. Chronic rheumatism and gout																
49. Scurvy																
53. Leukæmia																
54. Anæmia chlorosis											1					
55. Other general diseases																
56. Acute alcoholism, or chronic																
II. Diseases of the Nervous System and the Organs of Special Sense.																
60. Encephalitis											1					
61. Meningitis, simple											1					
63. Other diseases of the spinal cord																
64. Cerebral congestion and hemorrhage							1									
66. Paralysis without apparent cause																
67. General paralysis								1								
68. Other forms of insanity																
69. Epilepsy																
70. Eclampsia (nonpuerperal)																
71. Convulsions of children															1	
72. Tetanus																
74b. Other diseases of the nervous system																
III. Diseases of the Circulatory System.																
77. Pericarditis																
78. Acute endocarditis												1				1
79. Organic disease of the heart														1		
80. Angina pectoris																
81. Affections of the arteries (atheroma, aneurism, etc.)																
82. Embolus and thrombosis																
85. Hemorrhages																
86. Other affections of the circulatory system																
IV. Diseases of the Respiratory System.																
88. Affections of the larynx																
90. Acute bronchitis											1					
91. Chronic bronchitis																
92. Broncho-pneumonia							1				1				1	
93. Pneumonia																
94. Pleurisy																
95 Pulmonary congestion and apoplexy																
97. Asthma																
V. Diseases of the Digestive System.																
100. Affections of the mouth and its adnexa																
103. Ulcer of the stomach																

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From ten to fifteen years.								From fifteen to twenty years.								From twenty to twenty-five years.								From twenty-five to thirty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
V. Diseases of the Digestive System—Cont'd.																																
104. Other affections of the stomach (cancer excepted)																					1											
105. Diarrhea and enteritis (under 2 years)																																
105a. Diarrhea and enteritis, chronic																																
106. Diarrhea and enteritis (2 years and over)																																
107. Intestinal parasites																																
108. Hernias: Intestinal obstructions																																
109. Other affections of the intestines																																
112. Cirrhosis of the liver																																
114. Other affections of the liver																																
116. Simple peritonitis (puerperal excepted)																																
117. Other affections of the digestive system (cancer and tuberculosis excepted)																																
118. Appendicitis and abscess of the iliac fossa																																
VI. Diseases of the Genito-Urinary System and its Adnexa.																																
119. Acute nephritis															1														1	1		1
120. Bright's disease																													1			
122. Calculi of the urinary tract																																
127. Metritis																																
128. Uterine hemorrhage, nonpuerperal																																
129. Tumor uterine (noncancerous)																																
133. Nonpuerperal diseases of the breast (cancer excepted)																																
VII. The Puerperal State.																																
135. Puerperal hemorrhage															1															1		
137. Puerperal septicæmia															1								1									
138. Albuminuria and puerperal eclampsia																																
139. Puerperal phlegmasia—alba dolens																																
140. Other puerperal accidents, sudden death																																
VIII. Diseases of the Skin and Cellular Tissue.																																
143. Furuncle																																
IX. Diseases of the Organs of Locomotion.																																
146. Affections of the bones (nontuberculous)																																
X. Malformations.																																
150. Congenital malformations (stillbirths excepted)																																
XI. Early Infancy.																																
151. Congenital debility, icterus, and sclerema																																
152. Other special diseases of early infancy																																
153. Lack of care																																
XII. Old Age.																																
154. Senile debility																																
XIII. Affections Produced by External Causes.																																
157. Suicide by hanging or strangulation																													1			
164. Fractures																														1		
166. Other accidental traumatisms					1								2																			
167. Burns																																
168. Burning by corrosive substances																																
171. Electrical shocks																													4		1	
172. Accidental submersion													1																			
173. Inanition																							1									
176. Other external violence																																
XIV. Ill-Defined Diseases.																																
179. Unspecified or ill-defined causes of death																																
Total					2	2	1						12	8	1		1				9	12	5			1			26	8	6	1
Grand total					4		1						20		1		1				21		5		1				34		7	

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From thirty to thirty-five years.								From thirty-five to forty years.								From forty to forty-five years.								From forty-five to fifty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
I. General Diseases.																																
1. Typhoid fever (abdominal typhus)																																
4. Intermittent fever and malarial cachexia														1									1						1		
4a. Malarial cachexia																					1											
5. Variola																																
6. Measles																																
10. Grippe																																
12. Cholera, Asiatic																																
13. Cholera nostras																																
14. Dysentery		1				2	1				1		1	1	3												1					
15. Plague							1						1		1																	
17. Leprosy																																
18. Erysipelas																																
19. Other epidemic affections (beri-beri)					2	1							1	1	1						1	1	1							2		
20. Purulent infection and septicæmia																																
21. Glanders and farcy																																
22. Malignant pustule and charbon (anthrax)																																
26. Tuberculosis of larynx														1																1		
27. Tuberculosis of lungs					4	8							4	8	4						4	5	2						6	4		
28. Tuberculosis of meninges																																
29. Tuberculosis, abdominal																						1										
30. Pott's disease																																
32. White swellings																																
33. Tuberculosis of other organs																																
34. Generalized tuberculosis																																
35. Scrofula																																
36. Syphilis							1																									
39. Cancer and other malignant tumors of the buccal cavity																																
40. Cancer and other malignant tumors of the stomach and liver																													1			
42. Cancer and other malignant tumors of the female genitals																																
45. Cancer and other malignant tumors of other organs, and organs not specified																																
47. Acute articular rheumatism																																
48. Chronic rheumatism and gout																																
49. Scurvy																																
53. Leukæmia																																
54. Anæmia chlorosis																																
55. Other general diseases																																
56. Acute alcoholism, or chronic																																
II. Diseases of the Nervous System and the Organs of Special Sense.																																
60. Encephalitis																																
61. Meningitis, simple																																
63. Other diseases of the spinal cord																																
64. Cerebral congestion and hemorrhage																					1								2			
66. Paralysis without apparent cause																																
67. General paralysis														1																1		
68. Other forms of insanity																																
69. Epilepsy																																
70. Eclampsia (nonpuerperal)																																
71. Convulsions of children																																
72. Tetanus																																
74b. Other diseases of the nervous system																																
III. Diseases of the Circulatory System.																																
77. Pericarditis																																
78. Acute endocarditis																					1											
79. Organic disease of the heart															1		1					1	1									
80. Angina pectoris																																
81. Affections of the arteries (atheroma, aneurism, etc.)											1																					
82. Embolus and thrombosis																																
85. Hemorrhages																																
86. Other affections of the circulatory system																																
IV. Diseases of the Respiratory System.																																
88. Affections of the larynx																																
90. Acute bronchitis																																
91. Chronic bronchitis																													1		1	
92. Broncho-pneumonia																																
93. Pneumonia					1								1																2			
94. Pleurisy											1																					
95. Pulmonary congestion and apoplexy																																
97. Asthma														1															1			
V. Diseases of Digestive System.																																
100. Affections of the mouth and its adnexa																																
103. Ulcer of the stomach																																

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From thirty to thirty-five years.								From thirty-five to forty years.								From forty to forty-five years.								From forty-five to fifty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
V. Diseases of the Digestive System—Cont'd.																																
104. Other affections of the stomach (cancer excepted)																														1		
105. Diarrhea and enteritis (under 2 years)																																
105a. Diarrhea and enteritis, chronic																					1										1	
106. Diarrhea and enteritis (2 years and over)																																
107. Intestinal parasites																																
108. Hernias: Intestinal obstructions													1																			
110. Acute yellow atrophy of the liver					1																											
112. Cirrhosis of the liver							1																									
114. Other affections of the liver																																
116. Simple peritonitis (puerperal excepted)																																
117. Other affections of the digestive system (cancer and tuberculosis excepted)																																
118. Appendicitis and abscess of the iliac fossa																																
VI. Diseases of the Genito-Urinary System and its Adnexa.																																
119. Acute nephritis																																
120. Bright's disease	1																												1			
123. Diseases of the bladder																													1			
127. Metritis																																
128. Uterine hemorrhage, nonpuerperal																														1		
129. Tumor, uterine (noncancerous)																																
133. Nonpuerperal diseases of the breast (cancer excepted)																																
VII. The Puerperal State.																																
134. Accidents of pregnancy														1																		
135. Puerperal hemorrhage														1																		
137. Puerperal septicemia																																
138. Albuminuria and puerperal eclampsia														1																		
139. Puerperal phlegmasia—alba dolens																																
VIII. Diseases of the Skin and Cellular Tissue.																																
143. Furuncle																																
IX. Diseases of the Organs of Locomotion.																																
146. Affections of the bones (nontuberculous)																																
X. Malformations.																																
150. Congenital malformations (stillbirths excepted)																																
XI. Early Infancy.																																
151. Congenital debility, icterus, and sclerema																																
152. Other special diseases of early infancy																																
153. Lack of care																																
XII. Old Age.																																
154. Senile debility																																
XIII. Affections Produced by External Causes.																																
159. Suicide by firearms																										1						
164. Fractures																																
166. Other accidental traumatisms																							1									
167. Burns							1																									
168. Burning by corrosive substances																																
171. Electrical shocks																																
172. Accidental submersion							1																									
173. Inanition																																
172. Accidental submersion, race unknown, male 1																																
176. Other external violence																																
XIV. Ill-Defined Diseases.																																
179. Unspecified or ill-defined causes of death																																
Total	1	1			8	6	6				3		9	12	10		1				9	8	6			1	1		16	10	2	
Grand total	2				14		6				3		21		10		1				17		6		1		1		26		2	

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From fifty upward.								Unknown.								Total.								Grand total.
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
I.																									
General Diseases.																									
1. Typhoid fever (abdominal typhus)																					2	1			3
4. Intermittent fever and malarial cachexia																					4	2	2		8
4a. Malarial cachexia					1																4	1	1		6
5. Variola																						1			1
6. Measles																									
10. Grippe																					1				1
12. Cholera, Asiatic																									
14. Dysentery					2	1	1											1	2		12	15	7		37
14a. Dysentery, epidemic																	1								1
15. Plague									1								1				5		4		10
18. Erysipelas																									
19. Other epidemic affections (beri-beri)					1	1															8	8	3		19
20. Purulent infection and septicæmia																					2				2
21. Glanders and farcy																									
22. Malignant pustule and charbon (anthrax)																									
23. Rabies																									
26. Tuberculosis of larynx																					3	4			7
27. Tuberculosis of lungs					10	7	1														41	30	10		81
28 Tuberculosis of meninges																					3	2			5
29. Tuberculosis, abdominal					1																1	1			2
30. Pott's disease																									
32. White swellings																									
33. Tuberculosis of other organs																									
34. Generalized tuberculosis																									
35. Scrofula																					1		1		2
36. Syphilis					1																1		1		2
39. Cancer and other malignant tumors of the buccal cavity																									
40. Cancer and other malignant tumors of the stomach and liver																					1				1
43. Cancer and other malignant tumors of the breast						1																1			1
45. Cancer and other malignant tumors of other organs and organs not specified						1																1			1
47. Acute articular rheumatism																									
48. Chronic rheumatism and gout						4																4			4
49. Scurvy																									
53. Leukæmia																									
54. Anæmia chlorosis					1	1															1	1			2
55. Other general diseases																						1			1
56. Acute alcoholism, or chronic																									
II.																									
Diseases of the Nervous System and the Organs of Special Sense.																									
60. Encephalitis																						1			1
61. Meningitis, simple						1													1		26	23	1		51
63. Other diseases of the spinal cord																									
64. Cerebral congestion and hemorrhage					2	2															6	2			8
66. Paralysis without apparent cause					1																1				1
67. General paralysis						1																4			4
68. Other forms of insanity																									
69. Epilepsy																									
70. Eclampsia (nonpuerperal)																					10	15			25
71. Convulsions of children																					134	117		3	254
72. Tetanus																					6	10			16
74b. Other diseases of the nervous system																									
III.																									
Diseases of the Circulatory System.																									
77. Pericarditis																									
78. Acute endocarditis					1																2				2
79. Organic disease of the heart						2	1										1					4	4		9
80. Angina pectoris																		1							1
81. Affections of the arteries (atheroma, aneurism, etc.)						1													1			1			2
82. Embolus and thrombosis						1																1			1
85. Hemorrhages																									
86. Other affections of the circulatory system																									
IV.																									
Diseases of the Respiratory System.																									
88. Affections of the larynx																									
90. Acute bronchitis																					11	24			35
91. Chronic bronchitis							1														20	16	2		38
92. Broncho-pneumonia																					1	1			2
93. Pneumonia																					8	1			9
94. Pleurisy																			1						1
95. Pulmonary congestion and apoplexy																					2	1			3
97. Asthma					1	1	1														2	3	1		6
V.																									
Diseases of the Digestive System.																									
100. Affections of the mouth and its adnexa																									
103. Ulcer of the stomach																					2				2
104. Other affections of the stomach (cancer excepted)																					3	1			4
105. Diarrhea and enteritis (under 2 years)																			1		17	16	1		35
105a. Diarrhea and enteritis, chronic						1	1														46	46	2		94
106. Diarrhea and enteritis (2 years and over)					3	1															10	5			15

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From fifty upward.								Unknown.								Total.								Grand total.
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
V. Diseases of the Digestive System—Continued.																									
107. Intestinal parasites																						1			1
108. Hernias: Intestinal obstructions					2																3				3
109. Other affections of the intestines																						1			1
110. Acute yellow atrophy of the liver																					1				1
112. Cirrhosis of the liver					1																1		1		2
116. Simple peritonitis (puerperal excepted)					1																1				1
117. Other affections of the digestive system (cancer and tuberculosis excepted)																									
118. Appendicitis and abscess of the iliac fossa																									
VI. Diseases of the Genito-Urinary System and its Adnexa.																									
119. Acute nephritis																					1	2		1	4
120. Bright's disease					2												1				4				5
122. Calculi of the urinary tract																									
123. Diseases of the bladder																					1				1
127. Metritis																									
128. Uterine hemorrhage (nonpuerperal)																						1			1
129. Tumor, uterine (noncancerous)																									
VII. The Puerperal State.																									
134. Accidents of pregnancy																						1			1
135. Puerperal hemorrhage																						1			1
137. Puerperal septicæmia																						2			2
138. Albuminuria and puerperal eclampsia																						3			3
139. Puerperal phlegmasia—alba dolens																									
VIII. Diseases of the Skin and Cellular Tissue.																									
143. Furuncle																									
IX. Diseases of the Organs of Locomotion.																									
146. Affections of the bones (nontuberculous)																									
X. Malformations.																									
150. Congenital malformations (stillbirths excepted)																									
XI. Early Infancy.																									
151. Congenital debility, icterus and sclerema																					27	6			33
152. Other special diseases of early infancy																					4	6			10
158. Lack of care																									
XII. Old Age.																									
154. Senile debility			1		6	7													1		6	7			14
XIII. Affections Produced by External Causes.																									
157. Suicide by hanging or strangulation																					1				1
159. Suicide by firearms																		1							1
164. Fractures																									
166. Other accidental traumatisms																					3	1	1		5
167. Burns																							1		1
168. Burning by corrosive substances																									
171. Electrical shocks																									
172. Accidental submersion					1								2	1							8	2	2		12
175. Other acute poisonings																									
176. Other external violence																						1			1
XIV. Ill-Defined Diseases.																									
177. Dropsy																									
179. Unspecified or ill-defined causes of death																					1				1
Total			1		38	34	6		1				2	1			4	3	7		459	400	45	4	922
Grand total			1		72		6		1				3				7		7		859		49		922

Report of Sick and Wounded City Poor Attended by Municipal Physicians During the Month of July, 1904.

Sanitary districts and physicians.	Foreigners.				Filipinos.				Chinese.				Total.	Cured.		Deaths.		Number of visits.
	Adults.		Children.		Adults.		Children.		Adults.		Children.							
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.		M.	F.	M.	F.	
Health District No. 1, San Nicolas, Dr. F. Herrera					16	19	12	6					53	12	15	2	2	239
Health District No. 2, Tondo, Dr. V. Pantoja					60	46	16	11					133	56	47	5	2	404
Health District No. 3, Quiapo, Dr. P. Gabriel	1				17	25	16	17					76	19	24	7	6	132
Health District No. 4, Santa Cruz, Dr. C. Reyes					21	14	7	8					50	14	13	4	4	245
Health District No. 5, Sampaloc, Dr. F. Castañeda					22	52	30	18					122	20	34	4	9	254
Health District No. 6, Intramuros, Dr. V. Cavanna					19	31	11	9					70	12	31	3	3	284
Health District No. 7, Ermita, Malate etc., Dr. J. B. Cabarrus			2		27	17	12	25					83	26	23	3	8	202
Total	1		2		182	204	104	94					587	159	187	28	34	1,760

Report of Prescriptions Filled at the Municipal Dispensaries, Showing Districts, Sex, and Age of Persons to Whom Medicines Have Been Given During the Month of July, 1904.

Sanitary districts.	Americans.				Foreigners.				Filipinos.				Chinese.				Total.
	Adults.		Children.		Adults.		Children.		Adults.		Children.		Adults.		Children.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
Health District No. 1, San Nicolas									94	56	40	22	2				214
Health District No. 2, Tondo	1								210	158	44	38					451
Health District No. 3, Quiapo									73	72	41	28					214
Health District No. 4, Santa Cruz									65	38	11	16					130
Health District No. 5, Sampaloc					1				88	63	67	42					261
Health District No. 6, Intramuros									27	31	6	10					74
Health District No. 7, Ermita, Paco, etc	4						11		95	47	33	71					261
Total	5				1		11		652	465	242	227	2				1,605

Burials, July, 1904.

Cemeteries.	Number.
Loma (Government)	994
Norte (Government)	56
Paco (General Government)	25
Santa Cruz	6
Balic-balic	121
Binondo	15
Tondo	1
Maytubig	42
Malate	68
Pandacan	27
Chinese	49
Crematory	0
Santa Ana	25
American National Cemetery	6
San Pedro Macati	2
Sampaloc	1
Pandacan, Filipino	4
Embalmed and shipped	1
Total	943

Disinterments, July, 1904.

Paco	7
Santa Cruz	5
Binondo	1
Chinese	24
Total	37

Report of Crematories, July, 1904.

Disposition.	Crematories.			
	Santa Cruz.	Palomar.	Paco.	Total.
Animals cremated:				
American horses	3	3	4	10
American mules	3		3	6
Chinese mules		5	1	6
Australian horses		3		3
Chinese horses	1	2		3
Filipino horses	33	31	18	82
Carabaos	10	2	1	13
Cows	15	7	6	28
Dogs	4	35		39
Goats		11		11
Cats	10	81		91
Sheep		2		2
Fowls	21	455		476
Domestic birds		11		11
Deer		1		1
Pigs	1	14		15
Rats	3	18,287		18,290
Total	104	18,950	33	19,087
Loads cremated:				
Garbage	341	2,193	912	3,446
Trade refuse	20	198	43	261
Market refuse	36	319	30	385
Waste		176	426	602
Organic matter	18	53		71
Condemned goods	51	21		72
Total	466	2,960	1,411	4,837

Report of Disinfections for the Month of July, 1904.

Diseases.	Number of disinfections.	Number of contacts.	Diseases.	Number of disinfections.	Number of contacts.
Bubonic plague	14	71	Rinderpest	1	
Smallpox	4	15	Insanitary condition	30	
Leprosy	1	1	Destruction of mosquitoes	123	
Glanders	7		Total	181	87
Surra	1				

Report of Operations of the Pail-Conservancy System for the Month of July, 1904.

PAILS CLEANED.

Where cleaned.	Number of installations.	Pails in use.	Pails cleaned.
Private houses	799		26,442
Public buildings	50		4,129
Public closets	19		14,570
Provisional installations, (6 in use)			60
Military buildings	14		3,393
Total Manila	882		48,594
Mariquina	133		4,200
Grand total	1,015		52,794

VAULTS CLEANED.

	Cleaned by odorless excavators.		
	Vaults cleaned.	Loads removed.	Gallons removed.
Private houses	23	61	
Public buildings	17	283	
Military buildings	6	155	
Total	46	499	

VAULTS CLEANED.

	Cleaned by contractors.		
	Permits issued.	Vaults cleaned.	Barrels contents removed.
Private houses	250		3,369
Public buildings			
Military buildings			
Total	250		3,369

General Inspection of Houses, Premises, Vaults, etc., with Improvements Ordered, by Medical Inspector, Chief Sanitary Inspectors, and Sanitary Inspectors for the Month of July, 1904.

1. Houses inspected by Chief Sanitary Inspector	1,895
2. Houses reinspected for verification of work ordered	576
3. Houses inspected by sanitary inspectors	20,700
4. Houses reinspected by sanitary inspectors	6,985
5. Houses ordered cleaned (written)	10
6. Houses ordered cleaned (verbal)	11,391
7. Houses cleaned	5,155
8. Houses ordered whitewashed and painted	14
9. Houses whitewashed and painted	4
10. Houses disinfected	75
11. Houses recommended condemned and removed	37
12. Houses condemned and removed	20
13. Number of localities where "squatters" are located	23
14. Number of samples of water from wells sent to Laboratory	0
15. Number of reports from same	0
16. Number of fire plugs opened or closed for sanitary purposes	0
17. Number of hydrants recommended reopened	0
18. Number of houses where garbage has not been removed for two days	229
19. Number of persons reported sick to municipal physicians	308
20. Cesspools and vaults ordered cleaned	214
21. Cesspools cleaned	191
22. Yards ordered cleaned	2,328
23. Yards cleaned	2,089
24. Yards ordered repaired (repaved, etc.)	1
25. Yards repaired	0
26. Number of cholera cases reported by sanitary inspectors	0
27. Number of cholera cases reported by Auxiliary Advisory Board	0
28. Number of cholera cases found "alive"	0
29. Number of cholera cases found "dead"	0
30. Number of orders issued during the month	639
31. Number of orders complied with during the month	624
32. Number of orders awaiting action	67
33. Number of orders pending in court	0
34. Number of food tiendas in districts	1,447
35. Number of persons convicted for violation of food-prohibition order	0
36. Average in visiting each street and barrio during month	8.9
37. Number of regular inspectors on duty	17
38. Number of emergency inspectors on duty	
39. Number of leper cases sent to San Lazaro Hospital	2
40. Number of plague cases reported	10
41. Number of smallpox cases reported	2
42. Houses in which traps are set	13,902
43. Houses in which bane is placed	3
44. Traps set	60,340
45. Plates with ratsbane placed	8
46. Rats caught by rat catchers	9,950
47. Rats caught by traps	9,161
48. Rats caught by poison	4
49. Rats purchased	90
50. Rat catchers employed	77
	2

Sanitary Engineer's Division—Number of Houses on which Work has been Completed, in Accordance with Orders Issued from this Office during July, 1904.

Health districts.	Number.
Health District No. 1, San Nicolas	15
Health District No. 2, Tondo	4
Health District No. 3, Quiapo	10
Health District No. 4, Santa Cruz	8
Health District No. 5, Sampaloc	2
Health District No. 6, Intramuros	8
Health District No. 7, Ermita, Paco, etc	17
Total	64

New orders issued during the month, 73. Letters sent to property owners concerning faulty work done and requesting work ordered to be completed at a certain date, 60

Sanitary Orders Issued and Complied with during the Month of July, 1904.

Health District.	Complied with.	Issued.
Health District No. 1, San Nicolas	5	4
Health District No. 2, Tondo	10	6
Health District No. 3, Quiapo		
Health District No. 4, Santa Cruz	6	2
Health District No. 5, Sampaloc	1	
Health District No. 6, Intramuros	11	3
Health District No. 7, Ermita	2	2
Total	35	17

Tabulated Statement of the Amount of Vaccine Virus Distributed by the Board of Health during the Month of July, 1904.

	Units.
Inhabitants of the Philippine Islands (Manila not included)	118,000
Used by Vaccine Division and other institutions in the city of Manila	133,300
Total	251,300

Number of vaccinations performed in the city of Manila during the month of July, 1904:

Adults	26,702
Children	7,865
Total	34,567

Smallpox Report for Manila from July 1 to July 31, 1904.

	Cases.		Deaths.	
	M.	F.	M.	F.
Americans				
Filipinos	1	1		1
Foreigner	1			
Chinese				
Total	2	1		1

	Cases.	Deaths.
San Nicolas		
Tondo	3	1
Quiapo		
Santa Cruz		
Sampaloc		
Intramuros		
Ermita		
Total	3	1

	Cases.	Deaths.
Under 1 year		
From 1 year to 5 years	2	1
From 5 years to 10 years		
From 10 years to 20 years		
From 20 years to 30 years	1	
From 30 years to 40 years		
From 40 years to 50 years		
From 50 years and over		
Total	3	1

Number of cases found alive	2
Number of cases found dead	1
Total	3

Bubonic Plague Report for Manila from July 1 to July 31, 1904.

	Cases.		Deaths.	
	M.	F.	M.	F.
Americans	1		1	
Filipinos	5		5	
Europeans				
Chinese	5		4	
Total	11		10	

	Cases.	Deaths.
San Nicolas	5	5
Tondo	4	3
Quiapo		
Santa Cruz		
Sampaloc		
Intramuros	2	2
Ermita		
Total	11	10

	Cases.	Deaths.
Under 1 year		
From 1 year to 5 years	1	1
From 5 years to 10 years	1	1
From 10 years to 20 years	3	3
From 20 years to 30 years	1	1
From 30 years to 40 years	4	3
From 40 years to 50 years		
From 50 years and over		
Unknown	1	1
Total	11	10

Number of cases found alive	2
Number of cases found dead	9
Total	11

Reports Received of Lepers Living in the Various Provinces of the Philippine Islands to July 31, 1904.

Province.	Race.	Number of men.	Number of women.	Children.		Single.		Married.		Widowers.	Widows.	Total.
				M.	F.	M.	F.	M.	F.			
Antique	Filipino	92	37	2	2	38	28	42	4	12	5	133
Batangas	do	36	17			27	6	5	8	4	3	53
Bataan	do	10	4	1	1	5		3	2	2	2	16
Benguet	Igorrote	31	10	1	1	1		21	10	9		43
Ambos Camarines	Filipino	33	17	1	1	24	12	8	5	1		52
Bulacan	do	17	9	2	1	12	6	5	3			29
Ilocos Norte	do	45	28	5	2	9	10	31	8	5	10	80
Ilocos Sur	do	176	84	4	2	101	50	61	22	14	12	266
Leyte	do	49	38	1	3	26	27	20	7	3	4	91
Masbate	do	51	35	25	10	22	15	27	15	2	5	121
Cagayan	do	57	42		3	25	11	25	28	7	3	102
Lepanto	do	14	4	1		5	1	8		1	3	19
Cavite	do	17	5		3	16	3	1			2	25
Nueva Ecija	do	44	24			19	12	23	7	2	5	68
Negros Occidental	do	26	11	5	1	17	10	8	1	1		43
Pampanga	do	8	5	2		3	1	5	3		1	15
Pangasinan	do	120	80	2	3	36	28	65	38	19	14	205
Rizal	do	41	24	2		17	14	21	7	3	3	67
Marinduque	do	1	1	1			1	1				3
Laguna	do	28	9			10	5	13	2	5	2	37
San Lazaro	do	111	82	23	11	72	45	27	20	12	17	227
Tarlac	do	27	24	11	4	7	9	18	10	2	5	66
Sorsogon	do	75	33	1	1	32	18	40	10	3	5	110
Romblon	do	13	14			5	9	8	4		1	27
Samar	do	39	32	13	8	15	11	21	18	3	3	92
Union	do	43	28	3		15	14	24	12	4	2	74
Zambales	do	58	35	2		30	15	24	15	4	5	95
Mindanao	Moro	140	74	3	3	86	44	45	18	9	12	220
Cebu	Filipino	171	89	5	4	136	64	32	22	3	3	269
Iloilo	do	231	66	11	2	113	37	94	9	24	20	310
Negros Oriental	do	66	42	6	2	27	23	32	14	7	5	116
Isabela	do	18	4	1		3	1	10	3	5		23
Tayabas	do	1								1		1
Albay	do	68	33	1	1	30	18	27	10	11	5	103
Nueva Vizcaya	do	13	12	2		7	3	4	6	2	3	27
Abra	do	11	6			5	4	5	2	1		17
Bohol	do	46	46	5	1	20	19	23	21	3	6	98
Capiz	do	44	33	19	9	30	20	13	12	1	1	105
Surigao	do		1								1	1
Misamis	do	50	20	1		28	11	17	4	5	5	71
Total		2,121	1,158	162	79	1,074	605	857	380	190	173	3,520

NOTE.—This table has been compiled from former reports which are more or less inaccurate. A new census of the lepers is now being taken by the provincial boards of health throughout the Archipelago

Reports Received of Insane Persons Living in the Various Provinces of the Philippine Islands to July 31, 1904.

Province.	Race.	Number of Males.	Number of Females.	Children.		Single.		Married.		Widowers.	Widows.	Total.
				M.	F.	M.	F.	M.	F.			
Abra	Filipino	19	10			12	4	5	2	2	4	29
Albay	do	69	86	4	2	47	54	12	22	6	8	155
Ambos Camarines	do	69	62	1	4	49	41	15	10	4	7	131
Antique	do	28	25			23	7	4	15	1	3	53
Bataan	do	12	8			6		5	4	1	4	20
Batangas	do	56	73	2	1	36	44	13	15	5	13	129
Bohol	do	273	276	11	7	201	208	52	45	9	16	549
Bulacan	do	37	17			25	7	9	6	3	4	54
Capiz	do	36	36		1	18	17	13	11	5	7	72
Cavite	do	31	23			22	8	7	10	2	5	54
Cebu	do	447	333	11	3	324	250	95	65	17	15	780
Ilocos Norte	do	56	35	2	1	43	27	8	5	3	2	91
Ilocos Sur	do	97	57	1		70	38	20	12	6	7	154
Iloilo	do	97	94			64	49	24	20	9	25	191
Isabela	do	9	5			4	1	5	3		1	14
La Laguna	do	71	72	3	5	45	40	17	18	6	9	143
Lepanto-Bontoc	do	10	7			6	5	3		1	2	17
Masbate	do	18	20	1	1	12	12	4	4	1	3	38
Mindoro	do	9	7			8	4	1	2		1	16
Misamis	do	81	72	2	1	52	39	22	19	5	13	153
Negros Occidental	do	41	31		1	32	13	6	9	3	8	72
Nueva Ecija	do	30	17	1		24	11	3	4	2	2	47
Nueva Vizcaya	do	4	5			4	1		3		1	9
Pampanga	do	29	28			22	17	7	8		3	57
Pangasinan	do	93	86	6	5	45	44	26	22	16	15	179
Rizal	do	42	27			23	16	16	7	3	4	69
Romblon	do	22	5			7	2	12	3	3		27
Samar	do	32	28			23	20	4	4	5	4	60
Sorsogon	do	86	65			66	40	16	19	4	6	151
Tarlac	do	9	7			6	6	3			1	16
Tayabas	do	111	89	5	1	89	70	12	7	5	11	200
Union	do	32	15	1		18	9	12	4	1	2	47
Zambales	do	9	17			7	7	2	1		9	26
Total		2,065	1,738	51	33	1,433	1,111	453	379	128	215	3,803

Epidemic of Cholera in the City of Manila and Provinces from March 20, 1902, to July 31, 1904.

Months.	Manila.		Provinces.	
	Cases.	Deaths.	Cases.	Deaths.
1902.				
March	108	90		
April	586	406	1,927	1,417
May	550	442	2,407	1,631
June	601	492	5,204	4,097
July	1,368	1,053	7,757	5,807
August	720	581	11,247	7,874
September	273	179	43,346	27,410
October	87	57	30,837	18,572
November	336	236	12,353	6,681
December	35	24	5,918	3,583
1903.				
January	7	4	4,921	2,757
February	2	1	2,997	2,009
March	6	6	1,903	1,124
April	33	27	1,772	1,147
May	230	212	1,402	885
June	39	38	3,554	2,945
1903—Continued.				
July	42	38	4,167	2,806
August	89	72	10,212	7,406
September	290	263	4,613	3,672
October	127	118	2,531	1,969
November	31	26	1,119	937
December	14	13	364	270
1904.				
January	4	5	35	24
February	3	3	61	42
March			23	10
April			1	
May				
June				
July				
Total	5,581	4,386	160,671	105,075

Report of the Veterinary Division of the Board of Health for the Philippine Islands for the Month of July, 1904.

[JOHN G. SLEE, *Chief Veterinary Surgeon;* DAVID G. MOBERLY, *Assistant Chief Veterinary Surgeon.*]

On arrival in city:

Number of cattle inspected	2,851
Number of carabaos inspected	839
Number of horses inspected	149
Number of hogs inspected	4,178
Number of sheep inspected	9
Number of goats inspected	56
Number of other animals inspected	12
Total	8,094

In Government abattoir:

Number of cattle slaughtered	2,102
Number of hogs slaughtered	5,248

In Government abattoir—Continued.

Number of sheep slaughtered	1
Number of goats slaughtered	9
Total	7,360

Number of cattle condemned and cremated	0
Number of hogs condemned and cremated	18
Number of horses condemned for glanders	18
Number of horses condemned for surra	0
Number of other animals condemned	7
Total	43

Report of Action Taken on Licenses during the Month of July, 1904.

Business for which license is desired.	License applications approved.	License applications disapproved.	Total applications acted upon.	Applications awaiting action.	Business for which license is desired.	License applications approved.	License applications disapproved.	Total applications acted upon.	Applications awaiting action.
1. Bakeries	5		5		10. Sauce, make and sell	1		1	
2. Bronze ware	1		1		11. Soap, make and sell	2		2	
3. Chocolate, make and sell	4		4		12. Stores, drug	3		3	
4. Establishment, cleaning and dyeing	3		3		13. Stores, to sell native wine	3	1	4	
5. Houses, boarding	2		2		14. Stores, grocery, native	1	2	3	
6. Hall, dance	1		1		15. Sweetmeats, make and sell	3		3	
7. Laundries	3	1	4		16. Vermicelli, make and sell	1		1	
8. Licenses, second-class bar	1		1		Total	36	4	40	
9. Restaurants	2		2						

Bureau of Government Laboratories, Biological Laboratory Report, July, 1904.

[Work performed for the Board of Health.]

	Positive.	Negative.	Total.
Microscopic examinations for—			
Gonococci	113	1,486	1,599
Surra	1	8	9
Number of rats received and examined for plague		9	9
Necropsies:			
Plague			7
Other diseases			4

Meteorological Data Deduced from Hourly Observations.

Date.	Barometer,[1] mean.		Temperature. Mean.		Temperature. Maximum.		Temperature. Minimum.		Relative humidity, mean.	Wind. Prevailing direction.	Wind. Total daily motion.		Wind. Maximum. Force.		Wind. Maximum. Direction.	Sunshine.	Rainfall.	
	Inches.	*mm.*	°*C.*	°*F.*	°*C.*	°*F.*	°*C.*	°*F.*	*Per ct.*		*Km.*	*Miles.*	*Km.*	*Miles.*		*h. m.*	*Inch.*	*Mm.*
1	29.772	756.21	25.9	78.6	28.6	83.5	23.7	74.7	88.3	W.	349	217	42	26	WSW.	1-25	0.067	1.7
2	29.759	55.87	25.7	78.3	29.2	84.6	23.2	73.8	86.1	SW.	398	247	36	22	WSW.	1-00	0.811	20.6
3	29.767	56.08	25.0	77.0	26.9	80.4	22.9	73.2	90.4	SW.	388	241	29	18	SW. by W.	0-05	0.665	16.9
4	29.784	56.51	26.5	79.7	28.9	84.0	23.8	74.8	87.8	SW.	604	375	40	25	SW.	3-15	0.134	3.4
5	29.785	56.52	26.6	79.9	29.9	85.8	22.9	73.2	86.8	SW.	538	334	42	26	SW. by W.	2-05	0.587	14.9
6	29.781	56.42	28.1	82.6	30.0	86.0	25.7	78.3	79.7	SW.	755	469	44	27	SW. by W.	8-45	0.004	0.1
7	29.796	56.81	28.2	82.8	30.4	86.7	26.1	79.0	79.8	SW. by W.	764	475	39	24	WSW.	7-25	0.008	0.2
8	29.765	56.03	28.1	82.6	30.4	86.7	24.8	76.6	78.9	SW. by W.	776	482	40	25	SW. by W.	8-10	0.346	8.8
9	29.730	55.12	27.8	82.0	30.1	86.2	25.2	77.4	80.4	SW.	747	464	43	27	WSW.	3-25	0.114	2.9
10	29.762	55.94	27.4	81.3	30.3	86.5	23.9	75.0	81.9	SW.	579	360	40	25	SW. by W.	5-10	1.201	30.5
11	29.749	55.60	27.1	80.8	29.8	85.6	23.5	74.3	86.4	SW.	636	395	37	23	SW.	2-10	1.043	26 5
12	29.730	55.13	24.7	76.5	27.7	81.9	21.6	70.9	93.7	SW.	480	298	36	22	SW.	0-00	8.906	226.2
13	29.727	55.06	23.2	73.8	24.3	75.7	22.1	71.8	97.9	ESE.	184	114	16	10	WNW.	0-00	7.775	197.5
14	29.766	56.06	23.8	74.8	26.7	80.1	22.2	72.0	95.6	SE., SW.	198	123	16	10	SSW.	0-00	2.055	52.2
15	29.808	57.10	24.0	75.2	26.2	79.2	21.8	71.2	94.6	WSW.	173	108	30	19	W.	0-00	1.339	34.0
16	29.826	57.58	26.4	79.5	31.5	88.7	22.3	72.1	87.9	E., W.	133	83	12	7	SSW.	4-00	0.024	0.6
17	29.823	57.51	27.1	80.8	31.5	88.7	23.5	74.3	85.0	WSW.	235	146	27	17	WSW.	6-50		
18	29.827	57.60	27.2	81.0	30.5	86.9	23.3	73.9	84.1	WSW.	244	152	26	16	WSW.	9-00		
19	29.834	57.79	27.5	81.5	31.5	88.7	23.2	73.8	79.7	WSW.	254	158	24	15	WSW.	11-05		
20	29.843	58.01	27.9	82.2	31.4	88.5	24.0	75.2	80.8	WSW.	168	104	19	12	WSW.	10-00		
21	29.836	57.83	28.3	82.9	33.1	91.6	23.8	74.8	82.4	SW.	142	88	20	12	WSW.	10-40		
22	29.829	57.64	27.7	81.9	31.8	89.2	23.8	74.8	83.6	NW., W.	214	133	22	14	WSW.	9-30		
23	29.810	57.14	27.7	81.9	31.8	89.2	23.1	73.6	78.8	SW., N.	344	214	27	17	SW.	10-35		
24	29.819	57.41	27.8	82.0	32.0	89.6	22.8	73.0	77.9	WSW., NW.	233	145	18	11	SW.	10-30		
25	29.821	57.44	28.1	82.6	31.8	89.2	22.9	73.2	76.3	SW.	308	191	26	16	SW.	10-40		
26	29.806	57.04	28.1	82.6	32.2	90.0	23.3	73.9	78.4	SW.	294	183	26	16	SW.	10-50		
27	29.791	56.68	27.3	81.1	31.2	88.2	23.5	74.3	80.3	W.	98	61	12	7	SW.	4-15		
28	29.792	56.70	26.3	79.3	32.2	90.0	22.5	72.5	85.1	W.	106	66	17	11	WNW.	7-50	0.776	19.4
29	29.792	56.69	25.3	77.5	30.8	87.4	23.1	73.6	89.6	W.	155	96	18	11	E.	1-45	0.532	13.5
30	29.825	57.55	26.1	79.0	31.3	88.3	23.1	73.6	86.1	SE.	174	108	14	9	ESE.	0-55	0.284	7.2
31	29.820	57.42	27.6	81.7	33.3	91.9	23.1	73.6	80.1	SE.	147	91	16	10	SE.	7-30	0.035	0.9
Mean	29.793	756.73	26.7	80.1	30.2	86.4	23.4	74.1	84.7		349.0	216.8	27.5	17.1		5-27		
Total											10,818	6,721				168-50	26.706	678.3

[1] Corrected for instrumental error and for temperature and reduced to sea level. Correction to standard gravity —1.72 mm. (—0.068 inch).

GENERAL LIBRARY,
UNIV. OF MICH.
DEC 13 1904

MONTHLY REPORT

OF THE

Board of Health for the Philippine Islands

AND CITY OF MANILA.

AUGUST, 1904.

TO THE HON. DEAN C. WORCESTER, SECRETARY OF THE INTERIOR.

E. C. CARTER, M. D., Major and Surgeon, U. S. Army,
Commissioner of Public Health.

T. R. MARSHALL, M. D.,
Chief Health Inspector for the Philippine Islands.

P. C. FREER, Ph. D., M. D.,
Superintendent of Government Laboratories.

H. D. OSGOOD, B. S.,
Sanitary Engineer for the Philippine Islands.

MANUEL GOMEZ MARTINEZ, M. D.,
Secretary Board of Health for the Philippine Islands.

MANILA:
BUREAU OF PUBLIC PRINTING.
1904.

22957

LETTER OF TRANSMITTAL.

DEPARTMENT OF THE INTERIOR,
BOARD OF HEALTH FOR THE PHILIPPINE ISLANDS,
OFFICE OF THE COMMISSIONER,
Manila, September 22, 1904.

SIR: I have the honor to submit the following report of the operations of the Board of Health for the Philippine Islands and the City of Manila for the month of August, 1904:

Birthrate.—The total number of births reported in the city of Manila for the month was 535, which gives an annual rate of 28.65 for each thousand of the population.

The number of births reported, considered with respect to nationalities, gives an annual birthrate for each thousand as follows: Americans, 18.79; Filipinos, 32.40; Spaniards, 9.32; other Europeans, 10.54; Chinese, 1.66. A conservative estimate places the number of births in the city of Manila at not less than 1,100.

Death rate.—There were 1,032 deaths of residents and 68 deaths of transients in the city of Manila, making in all 1,100 deaths. Of this number 544 died without medical attendance.

Seven hundred and eight of the 1,100 deaths were those of children who had not passed their second birthday. The death rate in Manila would not be higher than that of cities of equal size in the United States if it were not for the excessive infant mortality which plays so important a part in the present rate.

Deaths at advanced ages.—The century mark had been passed by two persons who died during the month—Mauricia Francisco and Juan de los Santos, whose ages were given as 120 and 109 years, respectively.

No attempt was made to verify these ages. Any statement with reference to ages of more than 100 years should be taken with due allowance, in the absence of documentary proof.

Principal causes of death.—The principal causes of death and the number who died before completing their first year are set forth in the following table:

Cause.	Total. deaths.	Deaths under 1 year of age.	Cause.	Total. deaths.	Deaths under 1 year of age.
Convulsions of children	336	331	Special diseases of early infancy	8	5
Diarrhea and enteritis, chronic	131	31	Plague	7	
Tuberculosis of lungs	78		Intermittent fever	6	1
Acute bronchitis	56	41	Tuberculosis of meninges	6	2
Chronic bronchitis	53	34	Tetanus	6	3
Dysentery	51	1	Acute endocarditis	6	
Congenital debility	46	46	Asthma	6	
Meningitis, simple	40	23	Angina pectoris	6	
Diarrhea and enteritis (under 2 years)	34	21	Pneumonia	6	
Eclampsia (nonpuerperal)	33	32	Typhoid fever	5	
Beri-beri	29		General congestion and hemorrhage	5	
Bright's disease	16		Affections of the stomach	5	3
Diarrhea and enteritis (2 years and over)	13		Acute nephritis	5	
Senile debility	10		Cirrhosis of the liver	4	
Organic disease of the heart	8		Broncho-pneumonia	4	3
Puerperal septicæmia	8		Smallpox	4	

Infectious diseases.—During the month there were 4 cases of smallpox with 4 deaths, and 6 cases of plague with 7 deaths, one of the deaths being that of a patient who was taken sick in July.

Vaccinations.—There were 280,200 units of vaccine virus distributed, of which 210,000 units were sent to the provinces. There were 23,286 vaccinations performed in the city of Manila.

Provincial reports.—Monthly reports received from provincial boards of health throughout the provinces show that smallpox is rapidly declining, and that the general health conditions are favorable.

Infant mortality is also high in the provinces. The principal reason for this is to be found in the lack of knowledge as to the proper care and feeding of children.

Very respectfully,

E. C. CARTER,
Major and Surgeon, United States Army,
Commissioner of Public Health.

The SECRETARY OF THE INTERIOR, *Manila, P. I.*

GENERAL STATISTICS.

[Unless otherwise stated these statistics are for the month of August, 1904.]

Population of the city of Manila.

[Official census of 1903.]

Nationality.	Population.	Nationality.	Population.
Americans	4,389	Chinese	21,230
Filipinos	189,782	All others	895
Spaniards	2,528		
Other Europeans	1,117	Total	219,941

Births reported.[1]

Race.	Male.	Female.	Total.	Annual average per 1,000 for the month.	Race.	Male.	Female.	Total.	Annual average per 1,000 for the month.
Americans	6	1	7	18.79	Chinese	3		3	1.66
Filipinos	274	248	522	32.40	All others				
Spaniards	1	1	2	9.32					
Other Europeans	1		1	10.54	Total and average	285	250	535	28.65

[1] Incomplete.

Deaths during month, and annual death rate per 1,000.

	Deaths during August	Annual average per 1,000 for the month.		Deaths during August.	Annual average per 1,000 for the month.
Americans	3	8.05	Chinese	30	16.64
Filipinos	992	61.58	All others	1	18.16
Spaniards	3	13.97			
Other Europeans	3	31.64	Total and average	1,032	55.28

A classified report of all deaths occurring in Manila, including transients.

Males.	Number.	Females.	Number.
Married	72	Married	60
Widowers	22	Widows	44
Single	63	Single	18
Boys	430	Girls	382
Condition not stated in certificate	7	Condition not stated in certificate	2
Total	594	Total	506
Grand total			1,100

Stillbirths 18; number of deaths with medical attendance, 556; number of deaths without medical attendance, 544; total, 1,100.

Deaths, including transients, by age and district.

Age.	Number.	District.	Population.	Deaths.	Annual rate per 1,000.
Under 30 days	117	Walled City	11,463	45	46.23
30 days to 1 year	482	Binondo	16,613	59	41.84
1 year to 2 years	109	San Nicolas	29,059	70	28.38
2 years to 5 years	92	Tondo	39,045	304	91.73
5 years to 10 years	13	Santa Cruz	35,040	151	50.77
10 years to 15 years	6	Quiapo	11,149	71	75.03
15 years to 20 years	25	Sampaloc	18,779	106	66.50
20 years to 25 years	31	San Miguel	8,838	34	45.32
25 years to 30 years	41	Paco	6,725	45	78.83
30 years to 40 years	56	Ermita	12,226	32	30.83
40 years to 50 years	45	Malate	8,858	62	82.46
50 years to 60 years	32	Pandacan	2,990	27	106.39
60 years to 70 years	21	Santa Ana	3,255	25	90.49
70 years to 80 years	19	Transient residents	15,901	68	50.38
80 years to 90 years	7	Unknown		1	
90 years to 100 years					
100 years and over	2	Total	219,941	1,100	
Unknown	2				
Total	1,100				

Stillbirths, 18.

Comparative Mortality from January 1, 1900, to August 31, 1904.

Month.	1900.		1901.		1902.		1903.		1904.	
	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.
January	1,055	[1] 50.79	753	[1] 36.25	760	[1] 36.58	602	[1] 28.98	796	[2] 42.64
February	884	[1] 47.11	689	[1] 36.72	706	[1] 37.63	511	[1] 27.23	709	[2] 40.59
March	887	[1] 42.70	885	[1] 42.66	770	[1] 37.06	539	[1] 25.94	751	[2] 40.23
April	805	[1] 40.04	886	[1] 44.07	1,327	[1] 66.01	549	[1] 27.31	748	[2] 41.40
May	732	[1] 35.24	903	[1] 43.47	1,688	[1] 81.26	770	[1] 37.06	766	[2] 41.03
June	599	[1] 29.79	621	[1] 30.89	1,418	[1] 70.54	592	[1] 29.45	800	[2] 44.28
July	787	[1] 37.88	608	[1] 29.27	2,223	[1] 107.02	620	[2] 33.21	866	[2] 46.39
August	825	[1] 39.71	702	[1] 33.79	1,712	[1] 82.42	862	[2] 46.17	1,032	[2] 55.28
September	1,027	[1] 50.01	767	[1] 38.15	1,132	[1] 56.31	1,228	[2] 67.97		
October	961	[1] 46.23	855	[1] 41.16	927	[1] 44.62	1,217	[2] 65.19		
November	976	[1] 48.48	848	[1] 42.18	1,035	[1] 51.48	974	[2] 53.91		
December	905	[1] 43.54	858	[1] 41.30	753	[1] 36.25	894	[2] 47.89		

[1] Death rate computed on population of 244,732 (Health Department's census).
[2] Death rate computed on population of 219,941 (official census, 1903).

CAUSES OF DEATHS.

(STILLBIRTHS NOT INCLUDED.)

	Nomenclature Designed for the Statistics of Death.	Nomenclatura para las Estadísticas de Defunciones.	Americans. M.	Americans. F.	Foreigners. M.	Foreigners. F.	Filipinos. M.	Filipinos. F.	Chinese. M.	Chinese. F.	Total.
	I.	**I.**									
	General Diseases.	**Enfermedades Generales.**									
1	Typhoid fever (abdominal typhus)	Fiebre tifoidea					2	3			5
2	Exanthematic typhus	Tifus exantemático									
3	Recurrent fever	Fiebre recurrente									
4	Intermittent fever and malarial cachexia	Fiebre intermitente					2	3			5
4a	Malarial cachexia	Caquexia palúdica						2			2
5	Variola	Viruelas					3	1			4
6	Measles	Sarampión									
7	Scarlatina	Escarlatina									
8	Whooping cough	Tos ferina									
9	Diphtheria and croup	Difteria y crup									
9a	Diphtheria	Difteria									
10	Grippe	Gripe						1			1
11	Miliary fever	Fiebre miliar									
12	Asiatic cholera	Cólera asiático									
13	Cholera nostras	Cólera nostras									
14	Dysentery	Disentería				1	18	22	3		44
14a	Epidemic dysentery	Disentería epidémica									
15	Plague	Peste					1	1	5		7
16	Yellow fever	Fiebre amarilla									
17	Leprosy	Lepra					2	1			3
18	Erysipelas	Erisipelas									
19	Other epidemic affections (beri-beri)	Otras afecciones epidémicas (Beri-beri)			1		8	10	8		27
20	Purulent infection and septicemia	Infección purulenta y septicemia					1				1
21	Glanders and farcy	Muermo y lamparones									
22	Malignant pustule and anthrax	Pústula maligna y antrax									
23	Rabies	Rabia									
24	Actinomycosis, trichinosis, etc	Actinomicosis, trichinosis, etc									
25	Pellagra	Pelagra									
26	Tuberculosis of larynx	Tuberculosis de la laringe					3				3
27	Tuberculosis of lungs	Tuberculosis del pulmón					40	29	3		72
28	Tuberculosis of meninges	Tuberculosis de las meninges					2	3			5
29	Tuberculosis of abdomen	Tuberculosis abdominal					1	2			3
30	Pott's disease	Mal de Pott									
31	Cold abscess and abscess by congestion	Abscesos fríos y por congestión									
32	White swellings	Tumores blancos									
33	Tuberculosis of other organs	Tuberculosis de otros órganos									
34	Generalized tuberculosis	Tuberculosis generalizada					1	1			2
35	Scrofula	Escrófula									
36	Syphilis	Sífilis					1		1		2
37	Gonorrhea of the adult	Blenorragia en los adultos									
38	Gonococcic infections of children	Afecciones gonocócicas en los niños									
39	Cancer and other malignant tumors of the buccal cavity.	Cáncer ú otros tumores malignos en la cavidad bucal						1			1
40	Cancer and other malignant tumors of the stomach and liver.	Cáncer ú otros tumores malignos del estómago é hígado.					1				1
41	Cancer and other malignant tumors of the peritoneum, intestines, and rectum.	Cáncer ú otros tumores malignos del peritóneo, intestinos y recto.									
42	Cancer and other malignant tumors of the female genitals.	Cáncer ú otros tumores malignos de los órganos genitales de la mujer.						1			1
43	Cancer and other malignant tumors of the breast	Cáncer ú otros tumores malignos de la mama									
44	Cancer and other malignant tumors of the skin	Cáncer ú otros tumores malignos de la piel									
45	Cancer and other malignant tumors of other organs and organs not specified.	Cáncer ú otros tumores malignos en otros órganos									
46	Other tumors (tumors of the female genitals excepted).	Otros tumores (exceptuándose los de los órganos genitales de la mujer.)									
47	Acute articular rheumatism	Reumatismo articular agudo					1				1
48	Chronic rheumatism and gout	Reumatismo crónico y gota					1	2			3
49	Scurvy	Escorbuto						1			1
50	Diabetes	Diabetes						1			1
51	Exophthalmic goiter	Bocio exoftálmico									
52	Addison's disease	Enfermedad bronceada de Addison									
53	Leukæmia	Leucemia									
54	Anæmia, chlorosis	Anemia, clorosis						2			2
55	Other general diseases	Otras enfermedades generales									
56	Acute alcoholism, or chronic	Alcoholismo agudo ó crónico									
57	Lead poisoning	Saturnismo									
58	Other poisonings incident to occupations	Otras intoxicaciones profesionales crónicas									
59	Other chronic poisonings	Otros envenenamientos crónicos									
	II.	**II.**									
	Diseases of the Nervous System and the Organs of Special Sense.	**Enfermedades del Sistema Nervioso y de los Órganos de los Sentidos.**									
60	Encephalitis	Encefalitis					1				1
61	Simple meningitis	Meningitis simple					23	15			38
61a	Epidemic cerebro-spinal meningitis	Meningitis cérebro-espinal epidémica									
62	Progressive locomotor ataxia	Ataxia locomotriz progresiva									
63	Other diseases of the spinal cord	Otras enfermedades de la médula espinal									
64	Cerebral congestion and hemorrhage	Congestión y hemorragia cerebrales					1	4			5
65	Cerebral softening	Reblandecimiento cerebral						1			1
66	Paralysis without apparent cause	Parálisis sin indicación de causa							1		1
67	General paralysis	Parálisis generales					1				1

CAUSES OF DEATHS FOR THE MONTH—Continued.

	Nomenclature Designed for the Statistics of Death.	Nomenclatura para las Estadísticas de Defunciones.	Americans. M.	Americans. F.	Foreigners. M.	Foreigners. F.	Filipinos. M.	Filipinos. F.	Chinese. M.	Chinese. F.	Total.
	II.—Diseases of the Nervous System and the Organs of Special Sense—Continued.	**II.—Enfermedades del Sistema Nervioso y de los Órganos de los Sentidos**—Continuación.									
68	Other forms of insanity	Otras formas de alineación mental									
69	Epilepsy	Epilepsia					1				1
70	Eclampsia (nonpuerperal)	Eclampsia (no puerperal)				1	15	15			31
71	Convulsions of children	Convulsiones en los niños					178	144	1	1	324
72	Tetanus	Tétano	1				3	2			6
73	Chorea	Corea									
74	Other diseases of the nervous system	Otras enfermedades del sistema nervioso					1	2			3
75	Diseases of the eye and its adnexa	Enfermedades de ojos y sus anexos									
76	Diseases of the ear	Enfermedades de los oídos									
	III.	**III.**									
	Diseases of the Circulatory System.	**Enfermedades del Aparato Circulatorio.**									
77	Pericarditis	Pericarditis									
78	Acute endocarditis	Endocarditis aguda					3	3			6
79	Organic disease of the heart	Enfermedades orgánicas del corazón					4	3	1		8
80	Angina pectoris	Angina de pecho					2	4			6
81	Affections of the arteries (atheroma, aneurism, etc.)	Afecciones de las arterias, etc						1			1
82	Embolus and thrombosis	Embolia y trombosis			1			1			2
83	Affections of the veins (varices, hemorrhoides, phlebitis)	Afecciones de las venas									
84	Affections of the lymphatic system (lymphangitis, etc.)	Afecciones del sistema linfático									
85	Hemorrhages	Hemorragias									
86	Other affections of the circulatory system	Otras afecciones del aparato circulatorio									
	IV.	**IV.**									
	Diseases of the Respiratory System.	**Enfermedades del Aparato Respiratorio.**									
87	Diseases of the nasal fosse	Enfermedades de las fosas nasales									
88	Affections of the larynx	Afecciones de la laringe									
89	Affections of the thyroid body	Afecciones del cuerpo tiroideo									
90	Acute bronchitis	Bronquitis aguda				1	25	24			50
91	Chronic bronchitis	Bronquitis crónica					25	26	1		52
92	Broncho-pneumonia	Bronco-pneumonía					2	2			4
93	Pneumonia	Pneumonía					2				2
94	Pleurisy	Pleuresía									
95	Pulmonary congestion and apoplexy	Congestión apoplegía pulmonares						2			2
96	Gangrene of the lungs	Gangrena del pulmón									
97	Asthma	Asma					2	3	1		6
98	Pulmonary emphysema	Enfisema pulmonar									
99	Other diseases of the respiratory system (phthisis excepted).	Otras enfermedades del aparato respiratorio (exceptuándose la tisis).									
	V.	**V.**									
	Diseases of Digestive System.	**Enfermedades del Aparato Digestivo.**									
100	Affections of the mouth and its adnexa	Afecciones de la boca y de sus anexos									
101	Affections of the pharynx	Afecciones de la faringe									
102	Affections of the esophagus	Afecciones del esófago									
103	Ulcer of the stomach	Ulcera del estómago									
104	Other affections of the stomach (cancer excepted)	Otras afecciones del estómago (exceptuándose el cáncer).					3	1			4
105	Diarrhea and enteritis (under 2 years)	Diarrea y enteritis (en niños menores de 2 años)					13	19			32
105a	Chronic diarrhea and enteritis	Diarrea y enteritis crónica	1				71	57			129
106	Diarrhea and enteritis (2 years and over)	Diarrea y enteritis (en niños de 2 ó más años)					6	3	1	2	12
107	Intestinal parasites	Parásitos intestinales						2			2
108	Hernias: Intestinal obstructions	Hernias; obstrucciones intestinales					1				1
109	Other affections of the intestines	Otras afecciones del intestino					1				1
110	Acute yellow atrophy of the liver	Ictericia grave									
111	Hydatid tumors of the liver	Tumores hidátidicos del hígado									
112	Cirrhosis of the liver	Cirrosis del hígado					2	1			3
113	Biliary calculi	Cálculos biliares									
114	Other affections of the liver	Otras afecciones del hígado									
115	Affections of the spleen	Afecciones del bazo									
116	Simple peritonitis (puerperal excepted)	Peritonitis simple (exceptuándose la puerperal)					1	1	1		3
117	Other affections of the digestive system (cancer and tuberculosis excepted).	Otras afecciones del aparato digestivo (exceptuándose el cáncer y tuberculosis).			1						1
118	Appendicitis and abscess of the iliac fossa	Apendicitis y filimón de la fosa iliaca									
	VI.	**VI.**									
	Diseases of the Genito-Urinary System and its Adnexa.	**Enfermedades del Aparato Génito Urinario y de sus Anexos.**									
119	Acute nephritis	Nefritis aguda					3	1			4
120	Bright's disease	Mal de bright					8	5			13
121	Other diseases of the kidneys and their adnexa	Otras enfermedades de los riñones y de sus anexos									
122	Calculi of the urinary tract	Cálculos de las vías urinarias									
123	Diseases of the bladder	Enfermedades de la vegiga									
124	Diseases of the urethra, urinary abscess, etc	Enfermedades de la uretra									
125	Diseases of the prostate	Enfermedades de la próstata									
126	Nonvenereal diseases of the male genital organs	Enfermedades no venereas de los órganos genitales del hombre.									
127	Metritis	Metritis									
128	Uterine hemorrhage (nonpuerperal)	Hemorragia uterina (no puerperal)									
129	Tumor, uterine (noncancerous)	Tumor uterino (no canceroso)									
130	Other diseases of the uterus	Otras enfermedades del útero									
131	Cysts and other tumors of the ovary	Quistes y otros tumores del ovario									
132	Other diseases of the female genital organs	Otras enfermedades de los órganos genitales de la mujer.									
133	Nonpuerperal diseases of the breast (cancer excepted)	Enfermedades no puerperales de la mama (exceptuándose el cáncer).									

CAUSES OF DEATHS FOR THE MONTH—Continued.

	Nomenclature Designed for the Statistics of Death.	Nomenclatura para las Estadísticas de Defunciones.	Americans. M.	Americans. F.	Foreigners. M.	Foreigners. F.	Filipinos. M.	Filipinos. F.	Chinese. M.	Chinese. F.	Total.
	VII.	**VII.**									
	The Puerperal State.	**Estado Puerperal.**									
134	Accidents of pregnancy	Accidentes de la preñez	---	---	---	---	---	---	---	---	---
135	Puerperal hemorrhage	Hemorragia puerperal	---	---	---	---	---	2	---	---	2
136	Other accidents of labor	Otros accidentes del parto	---	---	---	---	---	---	---	---	---
137	Puerperal septicæmia	Septicemia puerperal	---	---	---	---	---	8	---	---	8
138	Albuminuria and puerperal eclampsia	Albuminuria y eclampsia puerperales	---	---	---	---	---	---	---	---	---
139	Puerperal phlegmasia alba dolens	Flegmasia alba dolens puerperal	---	---	---	---	---	---	---	---	---
140	Other puerperal accidents—sudden death	Otros accidentes puerperales—muerte repentina	---	---	---	---	---	---	---	---	---
141	Puerperal diseases of the breast	Enfermedades puerperales de la mama	---	---	---	---	---	---	---	---	---
	VIII.	**VIII.**									
	Diseases of the Skin and Cellular Tissue.	**Enfermedades de la Piel y del Tejido Celular.**									
142	Gangrene	Gangrena	---	---	---	---	---	---	---	---	---
143	Furuncle	Forúnculo	---	---	---	---	---	1	---	---	1
144	Warm-acute abscess	Abscesos calientes agudos	---	---	---	---	1	---	---	---	1
145	Other diseases of the skin and its adnexa	Otras enfermedades de la piel	---	---	---	---	---	---	---	---	---
	IX.	**IX.**									
	Diseases of the Organs of Locomotion.	**Enfermedades de los Órganos de la Locomoción.**									
146	Affections of the bones (nontuberculous)	Afecciones de los huesos (exceptuando la tuberculosis)	---	---	---	---	---	---	---	---	---
147	Diseases of the joints (tuberculosis and rheumatism excepted).	Afecciones de las articulaciones (exceptuando la tuberculosis y el reumatismo).	---	---	---	---	---	---	---	---	---
148	Amputation	Amputación	---	---	---	---	---	---	---	---	---
149	Other affections of the organs of locomotion	Otras afecciones de los órganos de la locomoción	---	---	---	---	---	---	---	---	---
	X.	**X.**									
	Malformations.	**Vicios de Conformación.**									
150	Congenital malformations (stillbirths excepted)	Vicios de conformación congénitos (exceptuándose los de niños nacidos muertos).	---	---	---	---	---	1	---	---	1
	XI.	**XI.**									
	Early Infancy.	**Primera Infancia.**									
151	Congenital debility, icterus and sclerema	Debilidad congénita, ictericia y esclerema	---	---	---	---	26	19	---	---	45
152	Other special diseases of early infancy	Otras enfermedades especiales de la primera edad	---	---	---	---	4	4	---	---	8
153	Lack of care	Falta de cuidados	---	---	---	---	---	---	---	---	---
	XII.	**XII.**									
	Old Age.	**Vejez.**									
154	Senile debility	Debilidad senil	---	---	---	---	4	6	---	---	10
	XIII.	**XIII.**									
	Affections Produced by External Causes.	**Afecciones Producidas por Causas Exteriores.**									
155	Suicide by poison	Suicidio por envenenamiento	---	---	---	---	---	---	---	---	---
156	Suicide by asphyxia	Suicidio por asfixia	---	---	---	---	---	---	---	---	---
157	Suicide by hanging or strangulation	Suicidio por suspensión ó por estrangulación	---	---	---	---	---	---	1	---	1
158	Suicide by submersion	Suicidio por submersión	---	---	---	---	---	---	---	---	---
159	Suicide by firearms	Suicidio por armas de fuego	1	---	---	---	---	---	---	---	1
160	Suicide by cutting instruments	Suicidio por instrumentos cortantes	---	---	---	---	---	---	---	---	---
161	Suicide by jumping from high place	Suicidio por dejarse caer desde un punto elevado	---	---	---	---	---	---	---	---	---
162	Suicide by crushing	Suicidio por aplastamiento	---	---	---	---	---	---	---	---	---
163	Other suicides	Otros suicidios	---	---	---	---	---	---	---	---	---
164	Fractures	Fracturas	---	---	---	---	---	---	---	---	---
165	Dislocations	Luxaciones	---	---	---	---	---	---	---	---	---
166	Other accidental traumatisms	Otros traumatismos accidentales	---	---	---	---	---	---	---	---	---
167	Burns	Quemaduras por el fuego	---	---	---	---	---	---	---	---	---
168	Burning by corrosive substances	Quemaduras por substancias corrosivas	---	---	---	---	---	---	---	---	---
169	Insolation	Insolación	---	---	---	---	---	---	---	---	---
170	Freezing	Congelación	---	---	---	---	---	---	---	---	---
171	Electrical shocks	Conmoción eléctrica	---	---	---	---	---	---	---	---	---
172	Accidental submersion	Submersión accidental	---	---	---	---	1	---	---	---	1
173	Inanition	Inanición	---	---	---	---	---	---	---	---	---
174	Inhalation of deleterious gases (suicide excepted)	Absorción de gases deletéreos	---	---	---	---	---	---	---	---	---
175	Other acute poisonings	Otros envenenamientos agudos	---	---	---	---	---	---	---	---	---
176	Other external violence	Otras violencias exteriores	---	---	---	---	---	---	---	---	---
	XIV.	**XIV.**									
	Ill-Defined Diseases.	**Enfermedades mal Definidas.**									
177	Dropsy	Hidropesía	---	---	---	---	---	---	---	---	---
178	Sudden death	Muerte repentina	---	---	---	---	---	---	---	---	---
179	Unspecified or ill-defined causes of death	Causas de muerte no especificadas ó mal definidas	---	---	---	---	---	---	---	---	---
	Total		3	---	3	3	522	470	28	3	1032
	Grand total		3		6		992		31		1032

NUMBER OF DEATHS, WITH CAUSES, OCCURRING AMONG TRANSIENTS IN MANILA.

[These deaths are not included in preparing death rate of city.]

	Causes of Deaths.	Causas de Muerte.	Americans.		Foreigners.		Filipinos.		Chinese.		Total.
			M.	F.	M.	F.	M.	F.	M.	F.	
	I.	**I.**									
	General Diseases.	**Enfermedades Generales.**									
4	Intermittent fever and malarial cachexia	Fiebre intermitente y palúdica caquexia					1				1
4a	Malarial cachexia	Caquexia palúdica						1			1
14	Dysentery	Disenteria					5	2			7
19	Other epidemic affections (beri-beri)	Otras afecciones epidémicas (beri-beri)					1	1			2
20	Purulent infection and septicemia	Infeccion purulenta y septicemia			1						1
23	Rabies	Hidrofobia					1				1
27	Tuberculosis of lungs	Tubérculosis de los pulmones					4	1	1		6
28	Tuberculosis of meninges	Tubérculosis de las meninges							1		1
36	Syphilis	Sifilis							1		1
45	Cancer and other malignant tumors of other organs and organs not specified	Cáncer y otros tumores malignos de otros organos y organos no especificados					1				1
	II.	**II.**									
	Diseases of the Nervous System and the Organs of Special Sense.	**Enfermedades del Sistema Nervioso y Otros Organos del Sentido Especial.**									
61	Meningitis, simple	Meningitis, simple					2				2
67	General paralysis	Parálisis general						1			1
70	Eclampsia (nonpuerperal)	Eclampsia no puerperal						2			2
71	Convulsions of children	Convulsiones infantiles					5	7			12
	III.	**III.**									
	Diseases of the Circulatory System.	**Enfermedades del Aparato Circulatorio.**									
82	Embolus and thrombosis	Embolia y trombosis									
	IV.	**IV.**									
	Diseases of the Respiratory System.	**Enfermedades del Sistema Respiratorio.**									
90	Acute bronchitis	Bronquitis aguda					3	3			6
91	Chronic bronchitis	Bronquitis crónica						1			1
98	Pneumonia	Pneumonia					3	1			4
95	Pulmonary congestion and apoplexy	Congestion pulmonar y apoplegia						1			1
	V.	**V.**									
	Diseases of Digestive System.	**Enfermedades del Aparato Digestivo.**									
104	Other affections of the stomach (cancer excepted)	Otras afecciones del estómago (exceptuando el cáncer)						1			1
105	Diarrhea and enteritis (under 2 years)	Diarrea y enteritis (menos de 2 años)						2			2
105a	Diarrhea and enteritis, chronic	Diarrea y enteritis crónica					1	1			2
106	Diarrhea and enteritis (2 years and over)	Diarrea y enteritis (2 años ó mas)					1				1
107	Intestinal parasites	Parasitos intestinales					1				1
112	Cirrhosis of the liver	Cirrosis del hígado					1				1
113	Biliary calculi	Cálculo biliar						1			1
	VI.	**VI.**									
	Diseases of the Genito-Urinary System and its Adnexa.	**Enfermedades del Aparato Génito Urinario y sus Anexos.**									
119	Acute nephritis	Nefritis aguda					1				1
120	Bright's disease	Enfermedades de Bright		1			1	1			3
122	Calculi of the urinary tract	Cálculo del conducto urinario					1				1
	XI.	**XI.**									
	Early Infancy.	**Enfermedades de la Infancia.**									
151	Congenital debility, icterus and sclerema	Debilidad congénita, ictericia y esclerema					1				1
	XII.	**XII.**									
	Old Age.	**Vejez.**									
154	Senile debility	Debilidad senil									
	XIII.	**XIII.**									
	Affections Produced by External Causes.	**Afecciones Producidas por Causas Externas.**									
167	Burns	Quemadura, escaldado						1			1
172	Accidental submersion	Submersion accidental					1				1
	XIV.	**XIV.**									
	Ill-Defined Diseases.	**Enfermedades mal definidas**									
179	Unspecified or ill-defined causes of death	Muerte por causas mal especificadas ó indefinidas									
	Total			1	1		35	28	3		68
	Grand total		1		1		63		3		68

NUMBER OF DEATHS BY RACE, SEX, AND AGE.

CAUSE OF DEATH.	Less than one day to thirty days.								From thirty days to one year.								From one to five years.								From five to ten years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
I.																																
General Diseases.																																
1. Typhoid fever (abdominal typhus)																					1											
2. Exanthematic typhus																																
3. Recurrent fever																																
4. Intermittent fever and malarial cachexia													1	1							1	1										
4a. Malarial cachexia																																
5. Variola																					2	1										
6. Measles																																
7. Scarlatina																																
8. Whooping cough																																
9. Diphtheria and croup																																
9a. Diphtheria																																
10. Grippe																																
11. Miliary fever																																
12. Asiatic cholera																																
13. Cholera nostras																																
14. Dysentery													1								6	7							1	4		
14a. Epidemic dysentery																																
15. Plague																																
16. Yellow fever																																
17. Leprosy																																
18. Erysipelas																																
19. Other epidemic affections																														1		
20. Purulent infection and septicæmia																																
21. Glanders and farcy																																
22. Malignant pustule and anthrax																																
23. Rabies																																
24. Actinomycosis, trichinosis, etc																																
25. Pellagra																																
26. Tuberculosis of larynx																																
27. Tuberculosis of lungs																																
28. Tuberculosis of meninges													1	1							1	2										
29. Tuberculosis of abdomen																					1	2										
30. Pott's disease																																
31. Cold abscess and abscess by congestion																																
32. White swellings																																
33. Tuberculosis of other organs																																
34. Generalized tuberculosis																						1							1			
35. Scrofula																																
36. Syphilis															1						1											
37. Gonorrhea of the adult																																
38. Gonococcic infections of children																																
39. Cancer and other malignant tumors of the buccal cavity																																
40. Cancer and other malignant tumors of the stomach and liver																																
41. Cancer and other malignant tumors of peritoneum, intestines, and rectum																																
42. Cancer and other malignant tumors of the female genitals																																
43. Cancer and other malignant tumors of the breast																																
44. Cancer and other malignant tumors of the skin																																
45. Cancer and other malignant tumors of other organs and organs not specified																																
46. Other tumors (tumors of the female genitals excepted)																																
47. Acute articular rheumatism																																
48. Chronic rheumatism and gout																																
49. Scurvy																						1										
50. Diabetes																																
51. Exophthalmic goiter																																
52. Addison's disease																																
53. Leukæmia																																
54. Anæmia, chlorosis																																
55. Other general diseases																																
56. Acute alcoholism or chronic																																
57. Lead poisoning																																
58. Other poisonings incident to occupations																																
59. Other chronic poisonings																																
II.																																
Diseases of the Nervous System and the Organs of Special Sense.																																
60. Encephalitis													1																			
61. Simple meningitis													15	9							10	5								1		
61a. Epidemic cerebro-spinal meningitis													1																			
62. Progressive locomotor ataxia																																
63. Other diseases of the spinal cord																																
64. Cerebral congestion and hemorrhage																																
65. Cerebral softening																																
66. Paralysis without apparent cause																																
67. General paralysis																																
68. Other forms of insanity																																
69. Epilepsy																																
70. Eclampsia (nonpuerperal)			1		1		4						14	12								1										
71. Convulsions of children					34		32						145	116	1	1					4	3										
72. Tetanus					1		2																									
73. Chorea																																

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	Less than one day to thirty days.								From thirty days to one year.								From one to five years.								From five to ten years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
II.—Continued.																																
Diseases of the Nervous System and the Organs of Special Sense—Continued.																																
74. Other diseases of the nervous system					1									2																		
75. Diseases of the eye and its adnexa																																
76. Diseases of the ear																																
III.																																
Diseases of the Circulatory System.																																
77. Pericarditis																																
78. Acute endocarditis																															1	
79 Organic disease of the heart																																
80. Angina pectoris																																
81. Affections of the arteries (atheroma, aneurism, etc.)																																
82. Embolus and thrombosis																																
83. Affections of the veins (varices, hemorrhoides, phlebitis)																																
84. Affections of the lymphatic system (lymphangitis, etc.)																																
85. Hemorrhages																																
86. Other affections of the circulatory system																																
IV.																																
Diseases of the Respiratory System.																																
87. Diseases of the nasal fosse																																
88. Affections of the larynx																																
89. Affections of the thyroid body																																
90. Acute bronchitis													24	21							1	3	6									
91. Chronic bronchitis													18	20								5	7									
92. Broncho-pneumonia													2	1																		
93. Pneumonia																						1							1			
94. Pleurisy																																
95. Pulmonary congestion and apoplexy						1																										
96. Gangrene of the lungs																																
97. Asthma																						1	1									
98. Pulmonary emphysema																																
99. Other diseases of the respiratory system (phthisis excepted)																																
V.																																
Diseases of the Digestive System.																																
100. Affections of the mouth and its adnexa																																
101. Affections of the pharynx																																
102. Affections of the esophagus																																
103. Ulcer of the stomach																																
104. Other affections of the stomach (cancer excepted													2	1								1										
105. Diarrhea and enteritis (under 2 years)					2								10	12								1	9									
105a. Chronic diarrhea and enteritis					1								18	16			1					50	41						1			
106. Diarrhea and enteritis (2 years and over)																						7	3		2							
107. Intestinal parasites																							2						1			
108. Hernias: Intestinal obstructions																																
109. Other affections of the intestines																																
110. Acute yellow atrophy of the liver																																
111. Hydatid tumors of the liver																																
112. Cirrhosis of the liver																																
113. Biliary calculi																																
114. Other affections of the liver																																
115. Affections of the spleen																																
116. Simple peritonitis (puerperal excepted)																						1										
117. Other affections of the digestive system (cancer and tuberculosis excepted)																																
118. Appendicitis and abscess of the iliac fossa																																
VI.																																
Diseases of the Genito-Urinary System and its Adnexa.																																
119. Acute nephritis																						2										
120. Bright's disease																						1	1									
121. Other diseases of the kidneys and their adnexa																																
122. Calculi of the urinary tract																																
123. Diseases of the bladder																																
124. Diseases of the urethra, urinary abscess, etc																																
125. Diseases of the prostate																																
126. Nonvenereal diseases of the male genital organs																																
127. Metritis																																
128. Uterine hemorrhage (nonpuerperal)																																
129. Tumor, uterine (noncancerous)																																
130. Other diseases of the uterus																																
131. Cysts and other tumors of the ovary																																
132. Other diseases of the female genital organs																																
133. Nonpuerperal diseases of the breast (cancer excepted)																																

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	Less than one day to thirty days.								From thirty days to one year.								From one to five years.								From five to ten years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
VII.																																
The Puerperal State.																																
134. Accidents of pregnancy																																
135. Puerperal hemorrhage																																
136. Other accidents of labor																																
137. Puerperal septicemia																																
138. Albuminuria and puerperal eclampsia																																
139. Puerperal phlegmasia—alba dolens																																
140. Other puerperal accidents—sudden death																																
141. Puerperal diseases of the breast																																
VIII.																																
Diseases of the Skin and Cellular Tissue.																																
142. Gangrene																																
143. Furuncle																																
144. Warm-acute abscess																																
145. Other diseases of the skin and its adnexa																																
IX.																																
Diseases of the Organs of Locomotion.																																
146. Affections of the bones (nontuberculous)																																
147. Diseases of the joints (tuberculosis and rheumatism excepted)																																
148. Amputation																																
149. Other affections of the organs of locomotion																																
X.																																
Malformations.																																
150. Congenital malformations (stillbirths excepted)														1																		
XI.																																
Early Infancy.																																
151. Congenital debility, icterus and sclerema					19	16							8	3																		
152. Other special diseases of early infancy						2							2	1							1	1							1			
153. Lack of care																																
XII.																																
Old age.																																
154. Senile debility																																
XIII.																																
Affections Produced by External Causes.																																
155. Suicide by poison																																
156. Suicide by asphyxia																																
157. Suicide by hanging or strangulation																																
158. Suicide by submersion																																
159. Suicide by firearms																																
160. Suicide by cutting instruments																																
161. Suicide by jumping from high place																																
162. Suicide by crushing																																
163. Other suicides																																
164. Fractures																																
165. Dislocations																																
166. Other accidental traumatisms																																
167. Burns																						1										
168. Burning by corrosive substances																																
169. Insolation																																
170. Freezing																																
171. Electrical shocks																																
172. Accidental submersion																																
173. Inanition																																
174. Inhalation of deleterious gases (suicide excepted)																																
175. Other acute poisonings																																
176. Other external violence																																
XIV.																																
Ill-Defined Diseases.																																
177. Dropsy																																
178. Sudden death																																
179. Unspecified or ill-defined causes of death																																
Total				1	59	57							262	217	2	1	1			1	101	96		2					6	7		
Grand total				1	116								479		3		1			1	197			2					13			

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From ten to fifteen years								From fifteen to twenty years.								From twenty to twenty-five years.								From twenty-five to thirty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
I.																																
General Diseases.																																
1. Typhoid fever (abdominal typhus)														3							1											
2. Exanthematic typhus																																
3. Recurrent fever																																
4. Intermittent fever and malarial cachexia																																
4a. Malarial cachexia																						1								1		
5. Variola																					1											
6. Measles																																
7. Scarlatina																																
8. Whooping cough																																
9. Diphtheria and croup																																
9a. Diphtheria																																
10. Grippe																																
11. Miliary fever																																
12. Asiatic cholera																																
13. Cholera nostras																																
14. Dysentery						1							1	1							1								1			
14a. Epidemic dysentery																																
15. Plague																							1						1		1	
16. Yellow fever																						1										
17. Leprosy																																
18. Erysipelas					1								3	1	1						2	2								3	1	
19. Other epidemic affections																																
20. Purulent infection and septicæmia																																
21. Glanders and farcy																																
22. Malignant pustule and anthrax																																
23. Rabies																																
24. Actinomycosis, trichinosis, etc.																																
25. Pellagra																																
26. Tuberculosis of larynx													1								1											
27. Tuberculosis of lungs					2	1							4	2							2	4	1						13	3	2	
28. Tuberculosis of meninges																															1	
29. Tuberculosis of abdomen																																
30. Pott's disease																																
31. Cold abscess and abscess by congestion																																
32. White swellings																																
33. Tuberculosis of other organs																																
34. Generalized tuberculosis																																
35. Scrofula																																
36. Syphilis																																
37. Gonorrhea of the adult																																
38. Gonococcic infections of children																																
39. Cancer and other malignant tumors of the buccal cavity																																
40. Cancer and other malignant tumors of the stomach and liver																																
41. Cancer and other malignant tumors of peritoneum, intestines, and rectum																																
42. Cancer and other malignant tumors of the female genitals																																
43. Cancer and other malignant tumors of the breast																																
44. Cancer and other malignant tumors of the skin																																
45. Cancer and other malignant tumors of other organs and organs not specified													1																			
46. Other tumors (tumors of the female genitals excepted)																																
47. Acute articular rheumatism																																
48. Chronic rheumatism and gout																																
49. Scurvy																																
50. Diabetes																																
51. Exophthalmic, goiter																																
52. Addison's disease																																
53. Leukæmia																																
54. Anæmia, chlorosis																																
55, Other general diseases																																
56. Acute alcoholism or chronic																																
57. Lead-poisoning																																
58. Other poisonings incident to occupations																																
59. Other chronic poisonings																																
II.																																
Diseases of the Nervous System and the Organs of Special Sense.																																
60. Encephalitis																																
61. Simple meningitis																																
61a. Epidemic cerebro-spinal meningitis																																
62. Progressive locomotor ataxia																																
63. Other diseases of the spinal cord																																
64. Cerebral congestion and hemorrhage																													1			
65. Cerebral softening																																
66 Paralysis without apparent cause																																
67. General paralysis																					1											
68. Other forms of insanity																																
69. Epilepsy													1																			
70. Eclampsia (nonpuerperal)																																
71. Convulsions of children																																
72. Tetanus																					1											
73. Chorea																																

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From ten to fifteen years.								From fifteen to twenty years.								From twenty to twenty-five years.								From twenty-five to thirty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
II.—Continued.																																
Diseases of the Nervous System and the Organs of Special Sense—Continued.																																
74. Other diseases of the nervous system																																
75. Diseases of the eye and its adnexa																																
76. Diseases of the ear																																
III.																																
Diseases of the Circulatory System.																																
77. Pericarditis																																
78. Acute endocarditis																													1			
79. Organic disease of the heart																														1		
80. Angina pectoris					1																		1									
81. Affections of the arteries (atheroma, aneurism, etc.)																																
82. Embolus and thrombosis															1																	
83. Affections of the veins (varices, hemorrhoides, phlebitis)																																
84. Affections of the lymphatic system (lymphangitis, etc.)																																
85. Hemorrhages																																
86. Other affections of the circulatory system																																
IV.																																
Diseases of the Respiratory System.																																
87. Diseases of the nasal fossæ																																
88. Affections of the larynx																																
89. Affections of the thyroid body																																
90. Acute bronchitis																																
91. Chronic bronchitis																																
92. Broncho-pneumonia																														1		
93. Pneumonia																					1								1			
94. Pleurisy																																
95. Pulmonary congestion and apoplexy																						1										
96. Gangrene of the lungs																																
97. Asthma																																
98. Pulmonary emphysema																																
99. Other diseases of the respiratory system (phthisis excepted)																																
V.																																
Diseases of the Digestive System.																																
100. Affections of the mouth and its adnexa																																
101. Affections of the pharynx																																
102. Affections of the esophagus																																
103. Ulcer of the stomach																																
104. Other affections of the stomach (cancer excepted)																																
105. Diarrhea and enteritis (under 2 years)																																
105a. Chronic diarrhea and enteritis																													1			
106. Diarrhea and enteritis (2 years and over)																															1	
107. Intestinal parasites																																
108. Hernias: Intestinal obstructions																																
109. Other affections of the intestines													1																			
110. Acute yellow atrophy of the liver																																
111. Hydatid tumors of the liver																																
112. Cirrhosis of the liver																													1			
113. Biliary calculi																																
114. Other affections of the liver																																
115. Affections of the spleen																																
116. Simple peritonitis (puerperal excepted)															1								1									
117. Other affections of the digestive system (cancer and tuberculosis excepted)																																
118. Appendicitis and abscess of the iliac fossa																																
VI.																																
Diseases of the Genito-Urinary System and its Adnexa.																																
119. Acute nephritis																					1											
120. Bright's disease													1								1	1										
121. Other diseases of the kidneys and their adnexa																																
122. Calculi of the urinary tract																																
123. Diseases of the bladder																																
124. Diseases of the urethra, urinary abscess, etc																																
125. Diseases of the prostate																																
126. Nonvenereal diseases of the male genital organs																																
127. Metritis																																
128. Uterine hemorrhage (nonpuerperal)																																
129. Tumor, uterine (noncancerous)																																
130. Other diseases of the uterus																																
131. Cysts and other tumors of the ovary																																
132. Other diseases of the female genital organs																																
133. Nonpuerperal diseases of the breast (cancer excepted)																																

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From ten to fifteen years.								From fifteen to twenty years.								From twenty to twenty-five years.								From twenty-five to thirty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
VII.																																
The Puerperal State.																																
134. Accidents of pregnancy																																
135. Puerperal hemorrhage														2																		
136. Other accidents of labor																																
137. Puerperal septicæmia																						2								5		
138. Albuminuria and puerperal eclampsia																																
139. Puerperal phlegmasia—alba dolens																																
140. Other puerperal accidents—sudden death																																
141. Puerperal diseases of the breast																																
VIII.																																
Diseases of the Skin and Cellular Tissue.																																
142. Gangrene																																
143. Furuncle																																
144. Warm-acute abscess																																
145. Other diseases of the skin and its adnexa																																
IX.																																
Diseases of the Organs of Locomotion.																																
146. Affections of the bones (nontuberculous)																																
147. Diseases of the joints (tuberculosis and rheumatism excepted)																																
148. Amputation																																
149. Other affections of the organs of locomotion																																
X.																																
Malformations.																																
150. Congenital malformations (stillbirths excepted)																																
XI.																																
Early Infancy.																																
151. Congenital debility, icterus and sclerema																																
152. Other special diseases of early infancy																																
153. Lack of care																																
XII.																																
Old age.																																
154. Senile debility																																
XIII.																																
Affections Produced by External Causes.																																
155. Suicide by poison																																
156. Suicide by asphyxia																																
157. Suicide by hanging or strangulation																																
158. Suicide by submersion																																
159. Suicide by firearms																									1							
160. Suicide by cutting instruments																																
161. Suicide by jumping from high place																																
162. Suicide by crushing																																
163. Other suicides																																
164. Fractures																																
165. Dislocations																																
166. Other accidental traumatisms																																
167. Burns																																
168. Burning by corrosive substances																																
169. Insolation																																
170. Freezing																																
171. Electrical shocks																																
172. Accidental submersion																					2											
173. Inanition																																
174. Inhalation of deleterious gases (suicide excepted)																																
175. Other acute poisonings																																
176. Other external violence																																
XIV.																																
Ill-Defined Diseases.																																
177. Dropsy																																
178. Sudden death																																
179. Unspecified or ill-defined causes of death																																
Total					4	2							13	11	1						15	13	3		1				20	14	6	
Grand total					6								24		1						28		3		1				34		6	

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From thirty to thirty-five years.								From thirty-five to forty years.								From forty to forty-five years.								From forty-five to fifty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
I. General Diseases.																																
1. Typhoid fever (abdominal typhus)																																
2. Exanthematic typhus																																
3. Recurrent fever																																
4. Intermittent fever and malarial cachexia																																
4a. Malarial cachexia																																
5. Variola																																
6. Measles																																
7. Scarlatina																																
8. Whooping cough																																
9. Diphtheria and croup																																
9a. Diphtheria																																
10. Grippe																																
11. Miliary fever																																
12. Asiatic cholera																																
13. Cholera nostras																																
14. Dysentery				1	3	1	1						1	3	1						1	2							3	2		
14a. Epidemic dysentery																																
15. Plague						1	2								1																	
16. Yellow fever																																
17. Leprosy													1																1			
18. Erysipelas																																
19. Other epidemic affections						1	2														1		2						1		2	
20. Purulent infection and septicæmia					1						1																					
21. Glanders and farcy																																
22. Malignant pustule and anthrax																																
23. Rabies																																
24. Actinomycosis, trichinosis, etc																																
25. Pellagra																																
26. Tuberculosis of larynx																																
27. Tuberculosis of lungs					3	2							6	4	1						1	4							6	4		
28. Tuberculosis of meninges																																
29. Tuberculosis of abdomen																																
30. Pott's disease																																
31. Cold abscess and abscess by congestion																																
32. White swellings																																
33. Tuberculosis of other organs																																
34. Generalized tuberculosis																																
35. Scrofula																																
36. Syphilis															1																	
37. Gonorrhea of the adult																																
38. Gonococcic infections of children																																
39. Cancer and other malignant tumors of the buccal cavity																																
40. Cancer and other malignant tumors of the stomach and liver																													1			
41. Cancer and other malignant tumors of peritoneum, intestines, and rectum																																
42. Cancer and other malignant tumors of the female genitals															1																	
43. Cancer and other malignant tumors of the breast																																
44. Cancer and other malignant tumors of the skin																																
45. Cancer and other malignant tumors of other organs and organs not specified																																
46. Other tumors (tumors of the female genitals excepted)																																
47. Acute articular rheumatism																																
48. Chronic rheumatism and gout																																
49. Scurvy																																
50. Diabetes																																
51. Exophthalmic goiter																																
52. Addison's disease																																
53. Leukæmia																																
54. Anæmia, chlorosis															1																	
55. Other general diseases																																
56. Acute alcoholism or chronic																																
57. Lead poisoning																																
58. Other poisonings incident to occupations																																
59. Other chronic poisonings																																
II. Diseases of the Nervous System and the Organs of Special Sense.																																
60. Encephalitis																																
61. Simple meningitis																																
61a. Epidemic cerebro-spinal meningitis																																
62. Progressive locomotor ataxia																																
63. Other diseases of the spinal cord																																
64. Cerebral congestion and hemorrhage															1																	
65. Cerebral softening																														1		
66. Paralysis without apparent cause																																
67. General paralysis																																
68. Other forms of insanity																																
69. Epilepsy																																
70. Eclampsia (nonpuerperal)																																
71. Convulsions of children																																
72. Tetanus	1																															
73. Chorea																																

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From thirty to thirty-five years.								From thirty-five to forty years.								From forty to forty-five years.								From forty-five to fifty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
II.—Continued.																																
Diseases of the Nervous System and the Organs of Special Sense—Continued.																																
74. Other diseases of the nervous system																																
75. Diseases of the eye and its adnexa																																
76. Diseases of the ear																																
III.																																
Diseases of the Circulatory System.																																
77. Pericarditis																																
78. Acute endocarditis						1															1	1							1			
79. Organic disease of the heart						1															1		1						1			
80. Angina pectoris													1	1																2		
81. Affections of the arteries (atheroma, aneurism, etc.)																																
82. Embolus and thrombosis			1																													
83. Affections of the veins (varices, hemorrhoides, phlebitis)																																
84. Affections of the lymphatic system (lymphangitis, etc.)																																
85. Hemorrhages																																
86. Other affections of the circulatory system																																
IV.																																
Diseases of the Respiratory System.																																
87. Diseases of the nasal fosse																																
88. Affections of the larynx																																
89. Affections of the thyroid body																																
90. Acute bronchitis																																
91. Chronic bronchitis													1																			
92. Broncho-pneumonia																																
93. Pneumonia					1																											
94. Pleurisy																																
95. Pulmonary congestion and apoplexy																																
96. Gangrene of the lungs																																
97. Asthma																													1			
98. Pulmonary emphysema																																
99. Other diseases of the respiratory system (phthisis excepted)																																
V.																																
Diseases of the Digestive System.																																
100. Affections of the mouth and its adnexa																																
101. Affections of the pharynx																																
102. Affections of the esophagus																																
103. Ulcer of the stomach																																
104. Other affections of the stomach (cancer excepted)																																
105. Diarrhea and enteritis (under 2 years)																																
105a. Chronic diarrhea and enteritis						1																										
106. Diarrhea and enteritis (2 years and over)																																
107. Intestinal parasites																																
108. Hernias: Intestinal obstructions																					1											
109. Other affections of the intestines																																
110. Acute yellow atrophy of the liver																																
111. Hydatid tumors of the liver																																
112. Cirrhosis of the liver														1																		
113. Biliary calculi																																
114. Other affections of the liver																																
115. Affections of the spleen																																
116. Simple peritonitis (puerperal excepted)																																
117. Other affections of the digestive system (cancer and tuberculosis excepted)																			1													
118. Appendicitis and abscess of the iliac fossa																																
VI.																																
Diseases of the Genito-Urinary System and its Adnexa.																																
119. Acute nephritis																																
120. Bright's disease					1					1				1								1							1			
121. Other diseases of the kidneys and their adnexa																																
122. Calculi of the urinary tract																																
123. Diseases of the bladder																																
124. Diseases of the urethra, urinary abscess, etc																																
125. Diseases of the prostate																																
126. Nonvenereal diseases of the male genital organs																																
127. Metritis																																
128. Uterine hemorrhage (nonpuerperal)																																
129. Tumor, uterine (noncancerous)																																
130. Other diseases of the uterus																																
131. Cysts and other tumors of the ovary																																
132. Other diseases of the female genital organs																																
133. Nonpuerperal diseases of the breast (cancer excepted)																																

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From thirty to thirty-five years.								From thirty-five to forty years.								From forty to forty-five years.								From forty-five to fifty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
VII. The Puerperal State.																																
134. Accidents of pregnancy																																
135. Puerperal hemorrhage																																
136. Other accidents of labor																																
137. Puerperal septicæmia														1																		
138. Albuminuria and puerperal eclampsia																																
139. Puerperal phlegmasia—alba dolens																																
140. Other puerperal accidents—sudden death																																
141. Puerperal diseases of the breast																																
VIII. Diseases of the Skin and Cellular Tissue.																																
142. Gangrene																																
143. Furuncle																																
144. Warm-acute abscess														1																		
145. Other diseases of the skin and its adnexa																																
IX. Diseases of the Organs of Locomotion.																																
146. Affections of the bones (nontuberculous)																																
147. Diseases of the joints (tuberculosis and rheumatism excepted)																																
148. Amputation																																
149. Other affections of the organs of locomotion																																
X. Malformations.																																
150. Congenital malformations (stillbirths excepted)																																
XI. Early Infancy.																																
151. Congenital debility, icterus and sclerema																																
152. Other special diseases of early infancy																																
153. Lack of care																																
XII. Old age.																																
154. Senile debility																																
XIII. Affections Produced by External Causes.																																
155. Suicide by poison																																
156. Suicide by asphyxia																																
157. Suicide by hanging or strangulation																																
158. Suicide by submersion																																
159. Suicide by firearms																																
160. Suicide by cutting instruments																																
161. Suicide by jumping from high place																																
162. Suicide by crushing																																
163. Other suicides																																
164. Fractures																																
165. Dislocations																																
166. Other accidental traumatisms																																
167. Burns																																
168. Burning by corrosive substances																																
169. Insolation																																
170. Freezing																																
171. Electrical shocks																																
172. Accidental submersion																																
173. Inanition																																
174. Inhalation of deleterious gases (suicide excepted)																																
175. Other acute poisonings																																
176. Other external violence																																
XIV. Ill-Defined Diseases.																																
177. Dropsy																																
178. Sudden death																																
179. Unspecified or ill-defined causes of death																																
Total	1		1	1	9	8	5			1	1		11	14	4				1		6	8	3						16	9	2	
Grand total	1		2		17		5		1		1		25		4				1		14		3						25		2	

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From fifty upward.								Unknown.								Total.								Grand total.
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
I.																									
General Diseases.																									
1. Typhoid fever (abdominal typhus)																					2	3			5
2. Exanthematic typhus																									
3. Recurrent fever																									
4. Intermittent fever and malarial cachexia					1	1															3	3			6
4a. Malarial cachexia						1																3			3
5. Variola																					3	1			4
6. Measles																									
7. Scarlatina																									
8. Whooping cough																									
9. Diphtheria and croup																									
9a. Diphtheria																									
10. Grippe						1																1			1
11. Miliary fever																									
12. Asiatic cholera																									
13. Cholera nostras																									
14. Dysentery					4	3	1												1	23	24	3			51
14a. Epidemic dysentery																									
15. Plague																					1	1	5		7
16. Yellow fever																									
17. Leprosy																					2	1			3
18. Erysipelas																									
19. Other epidemic affections					1	3					1								1		9	11	8		29
20. Purulent infection and septicæmia																			1		1				2
21. Glanders and farcy																									
22. Malignant pustule and anthrax																									
23. Rabies					1																1				1
24. Actinomycosis, trichinosis, etc																									
25. Pellagra																									
26. Tuberculosis of larynx					1																3				3
27. Tuberculosis of lungs					7	6															44	30	4		78
28. Tuberculosis of meninges																					2	3	1		6
29. Tuberculosis of abdomen																					1	2			3
30. Pott's disease																									
31. Cold abscess and abscess by congestion																									
32. White swellings																									
33. Tuberculosis of other organs																									
34. Generalized tuberculosis																					1	1			2
35. Scrofula																									
36. Syphilis																					1		2		3
37. Gonorrhea of the adult																									
38. Gonococcic infections of children																									
39. Cancer and other malignant tumors of the buccal cavity						1																1			1
40. Cancer and other malignant tumors of the stomach and liver																					1				1
41. Cancer and other malignant tumors of peritoneum, intestines, and rectum																									
42. Cancer and other malignant tumors of the female genitals																						1			1
43. Cancer and other malignant tumors of the breast																									
44. Cancer and other malignant tumors of the skin																									
45. Cancer and other malignant tumors of other organs and organs not specified																					1				1
46. Other tumors (tumors of the female genitals excepted)																									
47. Acute articular rheumatism					1																1				1
48. Chronic rheumatism and gout					1	2															1	2			3
49. Scurvy																						1			1
50. Diabetes						1																1			1
51. Exophthalmic goiter																									
52. Addisson's disease																									
53. Leukæmia																									
54. Anæmia, chlorosis						1																2			2
55. Other general diseases																									
56. Acute alcoholism or chronic																									
57. Lead poisoning																									
58. Other poisonings incident to occupations																									
59. Other chronic poisonings																									
II.																									
Diseases of the Nervous System and the Organs of Special Sense.																									
60. Encephalitis																					1				1
61. Simple meningitis																					25	15			40
61a. Epidemic cerebro-spinal meningitis																									
62. Progressive locomotor ataxia																									
63. Other diseases of the spinal cord																									
64. Cerebral congestion and hemorrhage						3															1	4			5
65. Cerebral softening																						1			1
66. Paralysis without apparent cause							1																1		1
67. General paralysis						1															1	1			2
68. Other forms of insanity																									
69. Epilepsy																					1				1
70. Eclampsia (nonpuerperal)																			1	15	17				33
71. Convulsions of children																				183	151		1	1	336
72. Tetanus					1												1			3	2				6
73. Chorea																									

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From fifty upward.								Unknown.								Total.								Grand total.
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
II.—Continued.																									
Diseases of the Nervous System and the Organs of Special Sense—Continued.																									
74. Other diseases of the nervous system																					1	2			3
75. Diseases of the eye and its adnexa																									
76. Diseases of the ear																									
III.																									
Diseases of the Circulatory System.																									
77. Pericarditis																									
78. Acute endocarditis																					3	3			6
79. Organic disease of the heart					2	1															4	3	1		8
80. Angina pectoris																					2	4			6
81. Affections of the arteries (atheroma, aneurism, etc.)						1																1			1
82. Embolus and thrombosis																			1			1			2
83. Affections of the veins (varices, hemorrhoides, phlebitis)																									
84. Affections of the lymphatic system (lymphangitis, etc.)																									
85. Hemorrhages																									
86. Other affections of the circulatory system																									
IV.																									
Diseases of the Respiratory System.																									
87. Diseases of the nasal fossæ																									
88. Affections of the larynx																									
89. Affections of the thyroid body																									
90. Acute bronchitis					1															1	28	27			56
91. Chronic bronchitis					1		1														25	27	1		53
92. Broncho-pneumonia																					2	2			4
93 Pneumonia						1															5	1			6
94. Pleurisy																									
95. Pulmonary congestion and apoplexy						1																3			3
96. Gangrene of the lungs																									
97. Asthma						2	1														2	3	1		6
98. Pulmonary emphysema																									
99. Other diseases of the respiratory system (phthisis excepted)																									
V.																									
Diseases of the Digestive System.																									
100. Affections of the mouth and its adnexa																									
101. Affections of the pharynx																									
102. Affections of the esophagus																									
103. Ulcer of the stomach																									
104. Other affections of the stomach (cancer excepted)						1															3	2			5
105 Diarrhea and enteritis (under 2 years)																					13	21			34
105a Chronic diarrhea and enteritis					1												1				72	58			131
106. Diarrhea and enteritis (2 years and over)																					7	3	1	2	13
107. Intestinal parasites																					1	2			3
108. Hernias: Intestinal obstructions																					1				1
109. Other affections of the intestines																					1				1
110. Acute yellow atrophy of the liver																									
111. Hydatid tumors of the liver																									
112. Cirrhosis of the liver					2																3	1			4
113. Biliary calculi						1																1			1
114. Other affections of the liver																									
115. Affections of the spleen																									
116. Simple peritonitis (puerperal excepted)																					1	1	1		3
117. Other affections of the digestive system (cancer and tuberculosis excepted)																			1						1
118. Appendicitis and abscess of the iliac fossa																									
VI.																									
Diseases of the Genito-Urinary System and its Adnexa.																									
119. Acute nephritis					1	1															4	1			5
120. Bright's disease					4	2												1			9	6			16
121. Other diseases of the kidneys and their adnexa																									
122. Calculi of the urinary tract					1																1				1
123. Diseases of the bladder																									
124. Diseases of the urethra, urinary abscess, etc																									
125. Diseases of the prostate																									
126. Nonvenereal diseases of the male genital organs																									
127. Metritis																									
128. Uterine hemorrhage (nonpuerperal)																									
129. Tumor, uterine (noncancerous)																									
130. Other diseases of the uterus																									
131. Cysts and other tumors of the ovary																									
132. Other diseases of the female genital organs																									
133. Nonpuerperal diseases of the breast (cancer excepted)																									

NUMBER OF DEATHS BY RACE, SEX, AND AGE—Continued.

CAUSE OF DEATH.	From fifty upward.								Unknown.								Total.								Grand total.
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
VII.																									
The Puerperal State.																									
134. Accidents of pregnancy																									
135. Puerperal hemorrhage																						2			2
136. Other accidents of labor																									
137. Puerperal septicæmia																						8			8
138. Albuminuria and puerperal eclampsia																									
139. Puerperal phlegmasia—alba dolens																									
140. Other puerperal accidents—sudden death																									
141. Puerperal diseases of the breast																									
VIII.																									
Diseases of the Skin and Cellular Tissue.																									
142. Gangrene																									
143. Furuncle						1																1			1
144. Warm-acute abscess																					1				1
145. Other diseases of the skin and its adnexa																									
IX.																									
Diseases of the Organs of Locomotion.																									
146. Affections of the bones (nontuberculous)																									
147. Diseases of the joints (tuberculosis and rheumatism excepted)																									
148. Amputation																									
149. Other affections of the organs of locomotion																									
X.																									
Malformations.																									
150. Congenital malformations (stillbirths excepted)																						1			1
XI.																									
Early Infancy.																									
151. Congenital debility, icterus and sclerema																					27	19			46
152. Other special diseases of early infancy																					4	4			8
153. Lack of care																									
XII.																									
Old Age.																									
154. Senile debility					4	6															4	6			10
XIII.																									
Affections Produced by External Causes.																									
155. Suicide by poison																									
156. Suicide by asphyxia																									
157. Suicide by hanging or strangulation															1								1		1
158. Suicide by submersion																									
159. Suicide by firearms																	1								1
160. Suicide by cutting instruments																									
161. Suicide by jumping from high place																									
162. Suicide by crushing																									
163. Other suicides																									
164. Fractures																									
165. Dislocations																									
166. Other accidental traumatisms																									
167. Burns																						1			1
168. Burning by corrosive substances																									
169. Insolation																									
170. Freezing																									
171. Electrical shocks																									
172. Accidental submersion																					2				2
173. Inanition																									
174. Inhalation of deleterious gases (suicide excepted)																									
175. Other acute poisonings																									
176. Other external violence																									
XIV.																									
Ill-Defined Diseases.																									
177. Dropsy																									
178. Sudden death																									
179. Unspecified or ill-defined causes of death																									
Total					35	42	4				1				1		3	1	4	3	557	498	31	3	1,100
Grand total					77		4				1				1		4		7		1,055		34		1,100

Of the total number of deaths occurring during the month of August, 1904, 1,100, including transients, 819 were of persons less than 16 years of age. Of the remaining 281 adults of both sexes only 213, classified below, had definite occupations:

Sex and occupation.	Number.	Sex and occupation.	Number.	Sex and occupation.	Number.
Males:		Males—Continued.		Females:	
Laborers	38	Machinists	2	Seamstresses	15
Stoker	1	Physician	1	Laundry women	25
Carpenters	8	Steward	1	Cigar makers	9
Sailors	5	Tailor	1	Shopkeepers	8
Fireman	1	Gardener	1	Landladies	11
Painters	4	Cooks	4	Student	1
Barbers	2	Shopkeepers	2	Milliners	2
Clerks	9	Cigarette maker	1	Teachers	2
Night watchman	1	Fisherman	1	Laborers	3
Messengers	4	Farmers	2	Embroiderer	1
Carriers	2	Beggar	1	Weaver	1
Musicians	2	Fontanero	1	Servants	0
Merchants	9	Opium dealer	1	Midwives	0
Grass sellers	2	Engineer	1	Merchant	1
Storekeeper	1	Artist	1	Property owners	3
Boatmen	4	Hat maker	1		
Servants	3	Blacksmith	1	Total	82
Drivers	3	Coppersmith	1	Grand total	213
Silversmiths	2				
Cigar makers	2	Total	131		
Students	4				

Bilibid Prison sick report.

Diseases.	Total sick as per last report.	Taken since last report.	Died.	Discharged.	Total number sick this date.
Abscess of the lung		1	1		
Abscess of tonsil and subalveolar region		1		1	
Acute general peritonitis from perforation of a mass of fish bones					
Amputation hand and forearm (old tubercular dermatitis and ostitis)					
Beri-beri		6	1	5	
Bronchial asthma		2		1	1
Cerebral concussion (lacerated wound of scalp)		1		1	
Chronic interstitial nephritis		6	2	4	
Chicken pox		2			2
Contusion, left ankle		1		1	
Contused and lacerated wound of scalp		1		1	
Conjunctioitis, acute		1		1	
Chronic indurated hydrocele (desection of tunica vaginalis)					
Direct inguinal hernia (radical operation)		1			1
Double hydrocele		1			1
Dysmenorrhea					
Epilepsy		1		1	
Enteritis, acute		3		3	
Fever, malarial intermittent	1	15		15	1
Fever, malarial intermittent and lobar pneumonia		1		1	
Fever, malarial remittent	1	1		2	
Fever, malarial remittent and lobar pneumonia		1	1		
Fecal impaction		3		3	
Fecal impaction and lobar pneumonia		1		1	
Furunculosis		1		1	
Gastritis, acute		1		1	
Gastro-enteritis, acute		4	3	1	
Gonorrheal lymphangitis		1		1	
Gangrene of finger (amputation)					
Gonorrheal opthalmia					
Hematemesis (gastric ulcer)		1		1	
Hydrocele and direct inguinal hernia (radical operation)		1			1
Hydrocele (radical operation)					
Intestinal amebiasis	5	36	5	29	7
Intestinal amebiasis and lobar pneumonia		2		2	
Intestinal amebiasis and fever, malarial remittent		1		1	
Intestinal indigestion		1		1	
Inguinal adenitis		1		1	
Internal urethrotomy and correction of deformity of penis		1		1	
Lobar pneumonia	4	31	2	23	10
Lobar pneumonia and intestinal amebiasis		1		1	
Multiple testicular fistulæ (dissection and closure)		1		1	
Morphinism	1			1	
Malarial cachexia					
Neurasthenia		2		2	
Orchitis, acute		1		1	
Osteo sarcoma thigh; general pulmonary, hepatic, and splenic tuberculosis (cardiac asthenia) following amputation of thigh at hip		1	1		
Pulmonary infarction (hemopthysis)		2		1	1
Pneumonia, lobar					
Prolapsus of the rectum—operation, desection of the hemorrhoidal zone					
Senile debility		1		1	
Sequestrotomy of femur lower third, old gunshot wound	1			1	
Sequestrotomy of radius, old gunshot wound					
Strangulated hernia (inguinal) herniotomy					
Pulmonary tuberculosis	9	13	4	1	17
Total	22	154	20	114	42

Total number prisoners, 4,476; convalescents, 36; disabled, 76; insane, 8.

Bilibid Prison report of deaths.

Disease.	Presidio.				Carcel.				Total.
	Filipinos.		Chinese.		Americans.		Filipinos.		
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	
Dysentery	5						1		6
Beri-beri	1								1
Tuberculosis of lungs	2						1		3
Cancer and other malignant tumors of the and organs not specified	1								1
Pneumonia	2						1		3
Cirrhosis of the liver	1								1
Bright's disease	1					1	1		3
Calculi of the urinary tract	1								1
Warm-acute abscess	1								1
Total	15					1	4		20

Condition:		Cemeteries:	
Married	11	Loma	1
Single	9	Norte	19
Total	20	Total	20

Report of San Lazaro Hospital, Women's and Leper Departments.

	Leper department.[1]							Women's department.[2]				
	Europeans.		Filipinos.		Chinese.		Total.	Americans.	Europeans.	Filipinas.	Japanese.	Total.
	M.	F.	M.	F.	M.	F.						
Number of patients in hospital at last report		1	133	92	1		227		2	58	25	85
Number of patients received during the month			2				2	1	3	36	32	72
Number of patients discharged			1				1			31	20	51
Number of deaths			2	1			3					
Number of patients remaining in hospital		1	132	91	1		225	1	5	63	37	106

[1] Discharged, diagnosis not leprosy, 1 male Filipino; died, 2 Filipino males and 1 Filipino female.
[2] Discharged cured, 31 Filipinas and 19 Japanese; discharged uncured on condition of leaving the Islands, 1 Japanese.

Report of prescriptions filled at the Municipal Dispensaries.

Sanitary districts.	Americans.				Foreigners.				Filipinos.				Chinese.				Total.
	Adults.		Children.		Adults.		Children.		Adults.		Children.		Adults.		Children.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
Health District No. 1, San Nicolas									126	64	26	27					243
Health District No. 2, Tondo	9								228	185	52	59					533
Health District No. 3, Quiapo					2				59	72	42	26	1				202
Health District No. 4, Santa Cruz									56	21	26	28					131
Health District No. 5, Sampaloc									91	87	77	44					299
Health District No. 6, Intramuros									63	60	20	11					154
Health District No. 7, Ermita, Malate, etc									157	135	210	122					624
Total	9				2				780	624	453	317	1				2,186

Report of sick and wounded city poor attended by municipal physicians.

Health districts and physicians.	Americans.				Foreigners.				Filipinos.				Chinese.				Total.	Cured.		Deaths.		Number of visits.
	Adults.		Children.		Adults.		Children.		Adults.		Children.		Adults.		Children.							
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.		M.	F.	M.	F.	
No. 1, San Nicolas, Dr. F. Herrera									16	13	5	7					41	8	11	2		236
No. 2, Tondo, Dr. V. Pantoja									45	39	12	13					109	43	42	4	5	239
No. 3, Quiapo, Dr. P. Gabriel					1				24	32	18	14					89	15	19	3	11	147
No. 4, Santa Cruz, Dr. C. Reyes									20	16	9	6					51	16	16	4	3	248
No. 5, Sampaloc, Dr. F. Castañeda									33	51	34	27					145	24	33	9	14	298
No. 6, Intramuros, Dr. V. Cavanna									25	31	20	24					100	21	32	6	7	487
No. 7, Ermita, Dr. J. B. Cabarrus				1	1		2		29	29	40	30					132	48	40	9	12	375
Total				1	2		2		192	211	138	121					667	175	193	37	52	2,030

Burials and disinterments.

Cemetery.	Number.
BURIALS.	
Loma (Government)	628
Norte (Government)	59
Paco general (Government)	25
Santa Cruz	2
Balic-balic	124
Binondo	13
Tondo (niche)	1
Maytubig	79
Malate	67
Pandacan (Romano)	8
Pandacan (Filipino)	31
Chinese	36
Santa Ana	40
American National Cemetery	1
Embalmed and shipped	2
BURIALS—continued.	
Sampaloc	2
Total	1,118
DISINTERMENTS.	
Paco	9
Tondo	2
Sampaloc	1
Santa Cruz	5
Binondo	2
Chinese	31
Total	50

General inspection of houses, premises, vaults, etc., with improvements ordered, disinfected, whitewashed, cleaned, etc., by medical inspectors, sanitary inspectors, and assistant sanitary inspectors.

1. Houses inspected by sanitary inspectors	2,373
2. Houses reinspected for verification of work ordered	600
3. Houses inspected by assistant sanitary inspectors	18,888
4. Houses reinspected by assistant sanitary inspectors	7,424
5. Houses ordered cleaned (written)	12
6. Houses ordered cleaned (verbal)	6,390
7. Houses cleaned	5,924
8. Houses ordered whitewashed and painted	12
9. Houses whitewashed and painted	6
10. Houses disinfected	146
11. Houses recommended condemned and removed	0
12. Houses condemned and removed	6
13. Number of localities where "squatters" are located	25
14. Number of samples of water from wells sent to Laboratory	0
15. Number of reports from same	0
16. Number of fire plugs opened or closed for sanitary purposes	0
17. Number of hydrants recommended reopened	0
18. Number of houses where garbage has not been removed for two days	218
19. Number of persons reported sick to municipal physicians	381
20. Cesspools and vaults ordered cleaned	151
21. Cesspools cleaned	134
22. Yards ordered cleaned	2,435
23. Yards cleaned	2,244
24. Yards ordered repaired (repaved, etc.)	33
25. Yards repaired	27
26. Number of cholera cases reported by assistant sanitary inspectors	0
27. Number of cholera cases reported by Auxiliary Advisory Board	0
28. Number of cholera cases found "alive"	0
29. Number of cholera cases found "dead"	0
30. Number of orders issued during the month	54
31. Number of orders complied with during the month	58
32. Number of orders awaiting action	4
33. Number of orders pending in court	0
34. Number of food tiendas in districts	1,448
35. Number of persons convicted for violation of food-prohibition order	0
36. Average in visiting each street and barrio during month	10
37. Number of regular inspectors on duty	20
38. Number of emergency inspectors on duty	2
39. Number of leper cases sent to San Lazaro Hospital	2
40. Number of plague cases reported	6
41. Number of smallpox cases reported	5
42. Houses in which traps are set	16,685
43. Houses in which bane is placed	0
44. Traps set	5
45. Plates with ratsbane placed	0
46. Rats caught by rat catchers	11,134
47. Rats caught by traps	8,430
48. Rats caught by poison	0
49. Rats purchased	38
50. Rat catchers employed	78

Report of disinfections.

Causes for disinfections.	Number of disinfections.	Number of contacts.
Bubonic plague	8	73
Smallpox	5	26
Leprosy	2	11
Glanders	4	
Surra		
Rinderpest		
Insanitary condition	96	
Destruction of mosquitoes	252	
Total	367	110

Report of crematories.

Disposition.	Crematories. Santa Cruz.	Palomar.	Paco.	Total.
Animals cremated:				
American horses	8		6	14
American mules	2		4	6
Chinese mules	1			1
Chinese horses	3		6	9
Filipino horses	40		45	85
Carabaos	3		5	8
Cows	20		11	31
Dogs	133		8	141
Goats	6		6	12
Cats	91		4	95
Monkeys	64		4	68
Domestic birds	27		2	29
Deer			1	1
Pigs	44		6	50
Animals cremated—Continued.				
Calves	1			1
Rats	19,665			19,665
Fowls	468			468
Total	20,576		108	20,684
Loads cremated:				
Garbage	996		1,554	2,550
Trade refuse	63		54	117
Market refuse	290		130	420
Organic matter	41			41
Condemned goods	53		6	59
Other refuse	117		504	621
Total	1,560		2,248	3,808

Report of operations of the pail-conservancy system.

Where cleaned.	Pail collections.			Vaults cleaned.					
				Cleaned by odorless excavators.			Cleaned by public scavengers.		
	Number of installations.	Pails in use.	Pails cleaned.	Vaults cleaned.	Loads removed.	Gallons removed.	Permits issued.	Vaults cleaned.	Barrels contents removed.
Private houses	865	1,041	28,780	72	190	95,000	111	111	1,473
Public buildings	51	135	4,024	18	257	128,500			
Public closets	35	1,063	20,860						
Provisional pails (7 in use)		2	62						
Military buildings	16	124	3,624	7	102	51,000			
Total	967	2,365	57,350	97	549	274,500	111	111	1,473

Report of action taken on licenses.

Business for which license is desired.	License applications approved.	License applications disapproved.	Total applications acted upon.	Applications awaiting action.	Business for which license is desired.	License applications approved.	License applications disapproved.	Total applications acted upon.	Applications awaiting action.
1. Aërated waters	2		2		12. Sell roots and herbs	1		1	
2. Bakeries	2		2		13. Native products	1		1	
3. Billiard hall	1		1		14. Restaurants	12	1	13	
4. Blacking polish	1		1		15. Sausages, make and sell	1		1	
5. Cooked food, native products	2	2	4		16. Soap, make and sell	9		9	
6. Dance halls	1	1	2		17. Sweetmeats, make and sell	3	1	4	
7. Ice factory	1		1		18. Theaters	2		2	
8. Distillery (perfumes)	1		1		19. Watches, to repair		1	1	
9. Drug stores	8		8		20. Wine, native	2	5	7	
10. Laundries	12	1	13						
11. Liquor, first-class bar	2		2		Total	64	12	76	

Reports received of lepers living in the various provinces of the Philippine Islands.

Province.	Race.	Number of men.	Number of women.	Children.		Single.		Married.		Widowers.	Widows.	Total.
				M.	F.	M.	F.	M.	F.			
Abra	Filipino	6	3	1		5	2		1			9
Albay	do	23	22	3	4	14	12	5	3	1	3	45
Ambos Camarines	do	77	27	6	2	36	14	29	8	6	3	104
Antique	do	59	49	13	14	20	15	20	15	6	5	108
Bataan	do	10	2		1	9		1			1	12
Batangas	do	18	11			14	4	3	4	1	3	29
Benguet[1]	Igorrote	32	11	1	1	1		21	10	9		43
Bohol	Filipino	78	55	5	3	34	39	35	12	4	1	133
Bulacan	do	20	13			6	8	12	5	2		33
Cagayan	do	46	50	1		22	16	19	21	4	13	96
Capiz	do	37	15	1		18	10	16	5	2		52
Cavite	do	35	22			27	17	7	2	1	3	57
Cebu	do	675	377									1,052
Ilocos Norte	do	76	38			25	18	43	12	8	8	114
Ilocos Sur	do	137	77	12	2	62	44	45	18	18	13	214
Iloilo	do	82	29	5	2	44	12	24	7	9	8	111
Isabela	do	9	4			3		4	2	2	2	13
La Laguna	do	16	9	1	2	6	3	6	1	3	3	25
Lepanto-Bontoc[1]	do	15	4	1		5	1	8		1	3	19
Leyte[1]	do	50	41	1	3	26	27	20	7	3	4	91
Masbate	do	8	3	1		3	1	2	2	2		11
Mindanao[1]	Moro	143	77	3	3	86	44	45	18	9	12	220
Misamis	Filipino	39	13	2		20	7	14	3	3	3	52
Negros Occidental	do	22	8	2	2	9	6	10		1		30
Negros Oriental[1]	do	72	44	6	2	27	23	32	14	7	5	116
Nueva Ecija	do	40	19	1		19	9	15	5	5	5	59
Nueva Vizcaya	do	2	4			1		1	2		2	6
Pampanga	do	11	7			3	5	6	2	2		18
Pangasinan	do	33	25		1	11	5	18	15	4	4	58
Rizal	do	41	17	1	1	23	10	16	6	1		58
Romblon	do	9	5			2	2	6	2	1	1	14
Samar[1]	do	52	40	13	8	15	11	21	18	3	3	92
San Lazaro	do	133	92	23	11	72	45	26	19	12	17	225
Sorsogon	do	83	34		1	41	18	38	6	4	9	117
Surigao[1]	do		1								1	1
Tarlac	do	22	8			7	5	14	3	1		30
Tayabas	do	12	7			2	3	9	2	1	2	19
Union	do	33	18			10	11	20	7	3		51
Zambales[1]	do	60	35	2		30	15	24	15	4	5	95
Total		2,316	1,316	105	63	758	462	635	272	143	142	3,632

[1] Revised report not received.

Reports received of insane persons living in the various provinces of the Philippine Islands.

Province.	Race.	Number of males.	Number of females.	Children.		Single.		Married.		Widowers.	Widows.	Total.
				M.	F.	M.	F.	M.	F.			
Abra	Filipino	19	9			11	3	6	2	2	4	28
Albay	do	18	19	2		8	12	5	3	3	4	37
Ambos Camarines	do	69	62	1	4	49	41	15	10	4	7	131
Antique	do	33	27			23	13	9	14	1		60
Bataan	do	12	8			6		5	4	1	4	20
Batangas	do	56	73	2	1	36	44	13	15	5	13	129
Bohol	do	279	280	11	7	209	212	50	45	9	16	559
Bulacan	do	37	17			25	7	9	6	3	4	54
Capiz	do	34	38		1	18	17	13	11	3	9	72
Cavite	do	31	23			22	8	7	10	2	5	54
Cebu	do	447	333	11	3	324	250	95	65	17	15	780
Ilocos Norte	do	53	37	2	1	40	28	8	5	3	3	90
Ilocos Sur	do	93	57	1		63	40	23	10	6	7	150
Iloilo	do	97	94			63	49	25	20	9	25	191
Isabela	do	9	7			5	3	4	3		1	16
La Laguna	do	71	72	3	5	45	40	17	18	6	9	143
Lepanto-Bontoc	do	10	7			6	5	3		1	2	17
Masbate	do	18	20	1	1	12	12	4	4	1	3	38
Mindoro	do	9	7			8	4	1	2		1	16
Misamis	do	70	66	1		51	35	14	17	4	14	136
Negros Occidental	do	41	31		1	32	13	6	9	3	8	72
Nueva Ecija	do	30	17			24	11	5	4	1	2	47
Nueva Vizcaya	do	4	5			4	1		3		1	9
Pampanga	do	31	35			24	19	7	12		4	66
Pangasinan	do	93	86	6	5	45	44	26	22	16	15	179
Rizal	do	42	27			23	16	16	7	3	4	69
Romblon	do	22	5			7	2	12	3	3		27
Samar	do	32	28			23	20	4	4	5	4	60
Sorsogon	do	86	65			66	40	16	19	4	6	151
Tarlac	do	9	7			6	5	3			2	16
Tayabas	do	111	89	5	1	89	70	12	7	5	11	200
Union	do	32	15	1		18	9	12	4	1	2	47
Zambales	do	9	17			7	7	2	1		9	26
Total		2,007	1,683	47	30	1,392	1,080	447	359	121	214	3,690

Report of the Veterinary Division of the Board of Health for the Philippine Islands.

[JOHN G. SLEE, *Chief Veterinarian.*]

Disposition.	Number.
On arrival in city:	
Number of cattle inspected	3,039
Number of carabaos inspected	525
Number of horses inspected	345
Number of hogs inspected	4,149
Number of sheep inspected	5
Number of goats inspected	40
Number of other animals inspected	29
Total	8,132
In Government abattoir:	
Number of cattle slaughtered	2,053
Number of hogs slaughtered	4,911
In Government abattoir—Continued:	
Number of sheep slaughtered	
Number of goats slaughtered	10
Total	6,974
Miscellaneous:	
Number of cattle condemned and cremated	3
Number of hogs condemned and cremated	16
Number of horses condemned for glanders	9
Number of other animals condemned	6
Total	34

Sanitary Engineer's Division—Number of houses on which work has been completed in accordance with orders issued by this office, and orders issued and complied with.

Health district.	Number of houses on which work has been completed.	Orders.	
		Issued.	Complied with.
Station A, San Nicolas	23		2
Station C, Tondo	14	20	9
Station F, Quiapo	9	1	
Station G, Santa Cruz	11	5	10
Station I, Sampaloc	8		
Station J, Intramuros	11	3	7
Station L, Ermita, Malate, etc	16		
Total	92	29	28

New orders issued during the month, 80; letters sent to property owners concerning faulty work done, and ordering work to be done and requesting owners to come to this office in regard to work, 44.

Amount of vaccine virus distributed by the Board of Health.

	Units.
Inhabitants of the Philippine Islands (Manila not included)	210,000
Used by Vaccine Division and other institutions of the city of Manila	70,200
Total	280,200

Report of vaccinations, city of Manila.

Health district.	Vaccinations.				Inspections.						
	Children.	Adults.		Total.	Children.		Adult males.		Adult females.		Total.
		Male.	Female.		Positive.	Negative.	Positive.	Negative.	Positive.	Negative.	
No. 1, San Nicolas											
No. 2, Tondo	1,545	2,327	1,824	5,696	995	3,479	1,000	6,956	732	4,913	18,075
No. 3, Quiapo	223	247	219	689							
No. 4, Santa Cruz	4,085	7,682	4,373	16,140	167	1,004	245	1,210	181	892	3,699
No. 5, Sampaloc	180	253	280	713							
No. 6, Intramuros	4	36	8	48							
No. 7, Ermita											
Total	6,037	10,545	6,704	23,286	1,162	4,483	1,245	8,166	913	5,805	21,774

Smallpox and plague reports for Manila.

Nationality, district, and age.	Smallpox.				Plague.			
	Cases.		Deaths.		Cases.		Deaths.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
Americans								
Filipinos	3	1	3	1	1	1	1	1
Foreigners								
Chinese					4		5	
Total	3	1	3	1	5	1	6	1

Number of cases found alive: Smallpox, 3; plague, 1. Number of cases found dead: Smallpox, 1; plague, 5.

	Smallpox.		Plague.	
	Cases.	Deaths.	Cases.	Deaths.
Health districts:				
No. 1, San Nicolas			3	3
No. 2, Tondo	1	1	2	3
No. 3, Quiapo	1	1	1	1
No. 4, Santa Cruz	1	1		
No. 5, Sampaloc	1	1		
No. 6, Intramuros				
No. 7, Ermita				
Total	4	4	6	7
Ages:				
Under 1 year				
1 year to 10 years	3	3		
10 years to 20 years			3	3
20 years to 30 years	1	1	3	4
30 years to 40 years				
40 years to 50 years				
50 years and over				
Total	4	4	6	7

Epidemic of cholera in the city of Manila and provinces from March 20, 1902, to August 31, 1904.

Month.	Manila.		Provinces.	
	Cases.	Deaths.	Cases.	Deaths.
1902.				
March	108	90		
April	586	406	1,927	1,417
May	550	442	2,407	1,631
June	601	492	5,204	4,097
July	1,368	1,053	7,757	5,807
August	720	581	11,247	7,874
September	273	179	43,346	27,410
October	87	57	30,837	18,572
November	336	236	12,353	6,681
December	35	24	5,918	3,583
1903.				
January	7	4	4,921	2,757
February	2	1	2,997	2,009
March	6	6	1,903	1,124
April	33	27	1,772	1,147
May	230	212	1,402	885
June	39	38	3,554	2,945
1903—Continued.				
July	42	38	4,167	2,806
August	89	72	10,212	7,406
September	290	263	4,613	3,672
October	127	118	2,531	1,969
November	31	26	1,119	937
December	14	13	364	270
1904.				
January	4	5	35	24
February	3	3	61	42
March			23	10
April			1	
May				
June				
July				
August				
Total	5,581	4,386	160,671	105,075

METEOROLOGICAL DATA DEDUCED FROM HOURLY OBSERVATIONS.

Date.	Barometer.[1] Mean.		Temperature.[2] Mean.		Maximum.		Minimum.		Relative humidity mean.
	Inches.	*Mm.*	°*C.*	°*F.*	°*C.*	°*F.*	°*C.*	°*F.*	*Per ct.*
1	29.841	757.94	27.6	81.7	31.7	89.1	23.5	74.3	79.6
2	29.865	58.55	27.1	80.8	30.8	87.4	24.0	75.2	81.4
3	29.853	58.24	26.2	79.2	30.9	87.6	23.7	74.7	88.7
4	29.827	57.60	26.0	78.8	30.7	87.3	22.4	72.3	84.8
5	29.833	57.74	26.7	80.1	32.1	89.8	23.0	73.4	85.0
6	29.779	56.38	25.0	77.0	26.7	80.1	23.5	74.3	94.9
7	29.782	56.44	26.5	79.7	29.2	84.6	23.8	74.8	87.6
8	29.761	55.93	26.2	79.2	29.0	84.2	23.9	75.0	89.2
9	29.749	55.61	26.0	78.8	29.6	85.3	23.8	74.8	86.2
10	29.751	55.64	25.8	78.4	32.2	90.0	23.6	74.5	86.8
11	29.764	56.00	25.5	77.9	31.7	89.1	23.1	73.6	89.5
12	29.709	54.61	26.2	79.2	29.7	85.5	22.6	72.7	83.3
13	29.629	52.54	26.3	79.3	28.4	83.1	23.8	74.8	88.6
14	29.690	54.09	27.6	81.7	30.4	86.7	25.1	77.2	79.5
15	29.760	55.91	27.3	81.1	29.3	84.7	24.9	76.8	83.5
16	29.755	55.75	26.5	79.7	29.7	85.5	24.3	75.7	87.7
17	29.715	54.76	26.6	79.9	29.6	85.3	24.6	76.3	87.9
18	29.728	55.08	25.9	78.6	29.6	85.3	24.2	75.6	90.0
19	29.735	55.24	26.7	80.1	29.7	85.5	23.7	74.7	82.9
20	29.738	55.32	27.0	80.6	30.7	87.3	22.5	72.5	79.2
21	29.749	55.60	27.0	80.6	29.9	85.8	24.0	75.2	81.9
22	29.767	56.07	26.4	79.5	30.8	87.4	23.9	75.0	86.3
23	29.774	56.24	27.1	80.8	30.9	87.6	23.8	74.8	82.6
24	29.827	57.61	26.9	80.4	31.1	88.0	24.0	75.2	83.1
25	29.839	57.91	27.5	81.5	30.9	87.6	23.6	74.5	80.3
26	29.798	56.85	27.9	82.2	30.5	86.9	25.0	77.0	79.1
27	29.816	57.32	28.3	82.9	30.7	87.3	26.2	79.2	78.4
28	29.859	58.41	28.6	83.5	30.8	87.4	26.0	78.8	78.6
29	29.837	57.84	28.2	82.8	30.5	86.9	26.3	79.3	80.4
30	29.810	57.14	27.7	81.9	30.2	86.4	24.8	76.6	82.5
31	29.831	57.71	27.6	81.7	30.4	86.7	24.5	76.1	83.3
Mean	29.780	756.39	26.8	80.3	30.3	86.5	24.1	75.3	84.3
Total									

Date.	Wind. Prevailing direction.	Total daily motion.		Maximum. Force.		Direction.	Sunshine.	Rainfall.	
		Km.	*Miles.*	*Km.*	*Miles.*		*h. m.*	*Inch.*	*Mm.*
1	W.	204	127	21	13	NW.	9 00	0.142	3.6
2	SW.	194	121	28	18	SW. by W.	6 25	.248	6.3
3	Variable.	141	88	23	14	WNW.	5 40	.921	23.4
4	Variable.	116	72	12	7	N.	5 50		
5	W.	124	77	20	12	NNE.	7 40	.197	5.0
6	N.	266	165	24	15	NNW.	0 00	1.059	26.9
7	SSW.-W.	168	104	16	10	SW.	1 50	.138	3.5
8	SW.	57	35	10	6	SW.	0 15	.039	1.0
9	SSW.-W.	40	25	8	5	WNW.	0 50	.587	14.9
10	SSE.-E.	114	71	18	11	SW.	3 55	.216	5.5
11	S.-WSW.	63	39	11	7	SW.	1 50	1.441	36.6
12	S.-WSW.	77	48	10	6	S.	5 00		
13	SW.	351	218	34	21	SW. by W.	0 20	.181	4.6
14	WSW.	524	326	32	20	WSW.	1 50	.063	1.6
15	SW.	623	387	32	20	SW. by W.	0 40	.158	4.0
16	SW.	452	281	36	22	W. by S.	5 20	.240	6.1
17	SW.	390	242	32	20	WSW.	4 00	.744	18.9
18	W.	199	124	34	21	WNW.	3 40	1.158	29.4
19	SW.	392	244	35	22	SW.	5 50	.016	0.4
20	WSW.	204	127	28	18	WSW.	10 20		
21	SW.	158	98	20	12	SW.	2 50		
22	SW.-W.	248	154	34	21	W. by S.	3 15	.059	1.5
23	WSW.	301	187	32	20	WSW.	4 45	.142	3.6
24	WSW.	308	191	36	22	WSW.	4 45	.177	4.5
25	SW.	393	244	30	19	SW. by W.	10 10	.024	0.6
26	SW.	668	415	42	26	SW. by W.	7 50		
27	SW. by W.	652	405	35	22	SW. by W.	8 25		
28	WSW.	546	339	36	22	SW. by W.	7 50		
29	WSW.	638	396	33	21	SW. by W.	3 50	.059	1.5
30	SW. by W.	795	494	42	26	SW. by W.	2 20	.335	8.5
31	SW.	628	390	42	26	WSW.	5 00	.303	7.7
Mean		323.7	201.1	27.3	16.9		4 33		
Total		10,034	6,234				141 15	8.647	219.6

[1] Corrected for instrumental error and for temperature and reduced to sea level. Correction to standard gravity, —1.72 mm. (—0.068 inch).
[2] The values are taken from instruments mounted in the Observatory park, 1.5 meters above ground.

VITAL STATISTICS.

[Taken from the annual report for the year ending August 31, 1904.]

Population of Manila.

[Official census of 1903.]

Race.	Number.	Race.	Number.
Americans	4,389	Chinese	21,230
Filipinos	189,782	All others	895
Spaniards	2,528		
Other Europeans	1,117	Total	219,941

Deaths and city death rate per 1,000, by race, occurring from September 1, 1903, to August 31, 1904.

Race.	Deaths by race.	City death rate per thousand.	Race.	Deaths by race.	City death rate per thousand.
Americans	41	9.34	All others	16	17.88
Filipinos	10,197	53.72	Unknown	6	
Spaniards	39	15.42			
Other Europeans	18	16.11	Total	10,781	49.01
Chinese	464	21.85			

A classified report, by sex and condition, of all deaths occurring in residents and transients in Manila from September 1, 1903, to August 31, 1904.

Males.		Females.	
Married	1,121	Married	840
Widowers	271	Widows	413
Single	940	Single	267
Boys	5,899	Girls	3,366
Condition not stated in certificate	193	Condition not stated in certificate	46
Total	6,424		4,932
Grand total			11,357

Condition and sex unknown, 1; stillbirths, 270; number of deaths with medical attendance, 5,392; number of deaths without medical attendance, 5,965 total, 11,357.

Deaths (including transients) by age and district.

Age.	Number.	District.	Population.	Deaths.	Rate per 1,000.
Under 30 days	1,213	Walled City	11,463	509	44.40
30 days to 1 year	4,901	Binondo	16,613	762	45.86
1 year to 2 years	549	San Nicolas	29,059	855	29.42
2 years to 5 years	450	Tondo	39,045	3,051	78.14
5 years to 10 years	151	Santa Cruz	35,040	1,619	46.20
10 years to 15 years	105	Quiapo	11,149	604	54.17
15 years to 20 years	313	Sampaloc	18,779	1,213	64.59
20 years to 25 years	442	San Miguel	8,838	418	47.29
25 years to 30 years	604	Paco	6,725	528	78.51
30 years to 40 years	879	Ermita	12,226	287	23.47
40 years to 50 years	599	Malate	8,858	528	59.60
50 years to 60 years	451	Pandacan	2,990	192	64.21
60 years to 70 years	306	Santa Ana	3,255	177	54.37
70 years to 80 years	192	Transient residents	15,901	576	36.22
80 years to 90 years	96	Unknown		38	
90 years to 100 years	42				
100 years and over	20	Total	219,941	11,357	
Unknown	44				
Total	11,357				

Stillbirths, 270.

Births reported from September 1, 1903, to August 31, 1904.[1]

Race.	Males.	Females.	Total.	Rate per 1,000 for the year.	Race.	Males.	Females.	Total.	Rate per 1,000 for the year.
Americans	37	24	61	13.89	Chinese	27	11	38	1.79
Filipinos	3,232	2,950	6,182	32.57	All others	4	1	5	5.58
Spaniards	22	18	40	15.82					
Other Europeans	8	7	15	13.42	Total and average	3,330	3,011	6,341	28.83

[1] Incomplete.

NOTE.—Estimated number of births, 13,000.

GENERAL LIBRARY,
UNIV. OF MICH.
JAN 18 1905

MONTHLY REPORT

OF THE

Board of Health for the Philippine Islands

AND CITY OF MANILA.

SEPTEMBER, 1904.

TO THE HON. DEAN C. WORCESTER, SECRETARY OF THE INTERIOR.

E. C. CARTER, M. D., Major and Surgeon, U. S. Army,
Commissioner of Public Health.

T. R. MARSHALL, M. D.,
Chief Health Inspector for the Philippine Islands.

P. C. FREER, M. D., Ph. D.,
Superintendent of Government Laboratories.

H. D. OSGOOD, B. S.,
Sanitary Engineer for the Philippine Islands.

MANUEL GOMEZ, M. D.,
Secretary Board of Health for the Philippine Islands.

MANILA:
BUREAU OF PUBLIC PRINTING.
1904.

24125

LETTER OF TRANSMITTAL.

DEPARTMENT OF THE INTERIOR,
BOARD OF HEALTH FOR THE PHILIPPINE ISLANDS,
OFFICE OF THE COMMISSIONER,
Manila, October 20, 1904.

SIR: I have the honor to forward herewith for your information the report of the Board of Health for the Philippine Islands and the city of Manila for the month of September, 1904. It deals principally with the vital and sanitary statistics of the city and with the work of sanitation performed in the same.

Births.—There were 797 births registered during the month. This is the largest number that was ever reported, and gives a birthrate of 44.11 per thousand. It also tends to show that the resistance of the people to compliance with the law is now being gradually overcome and gives hopes that more complete data will be soon obtainable.

Deaths.—During the month of September there were 1,146 deaths in the city of Manila; of these 1,064 were residents and 82 transients. The principal causes of death, arranged in the order of their frequency, are set forth in the following tabulated statement.

Cause.	Total. deaths.	Deaths under 1 year of age.	Cause.	Total. deaths.	Deaths under 1 year of age.
Convulsions of children	367	358	Senile debility	14	
Tuberculosis of lungs	96		Pneumonia	13	1
Diarrhea and enteritis, chronic	96	28	Bright's disease	13	1
Chronic bronchitis	59	41	Angina pectoris	11	
Acute bronchitis	58	50	Typhoid fever	7	
Beri-beri	49		Chronic rheumatism and gout	7	
Meningitis, simple	49	35	Anaemia, chlorosis	7	
Dysentery	45	1	Tuberculosis of larynx	6	
Congenital debility	40	40	Tetanus	6	5
Eclampsia (nonpuerperal)	31	30	Affections of the stomach	6	3
Diarrhea and enteritis	26	18	Acute nephritis	6	1
Organic disease of the heart	16		Intermittent fever and malarial cachexia	5	
Other diseases of early infancy	14	8			

Fifty-four per cent of all deaths occurred in children under 1 year of age, the greatest mortality being caused, as in the preceding months, by infantile convulsions, the number of deaths from this cause being 367.

Quarantinable diseases.—Of quarantinable diseases, only 1 death was registered from bubonic plague, the victim being a native resident of the district of Tondo. There were 5 cases of smallpox, with 2 deaths.

Twenty-four thousand three hundred and ninety-one vaccinations and revaccinations were performed in the city.

One hundred and twenty-four thousand units of vaccine virus were shipped to the provinces.

The prophylactic measures which are being diligently carried on in the city, together with the close of the warm season, during which, according to observation, smallpox spreads more rapidly, justify the statement that this dreadful disease will soon disappear.

Lepers and the insane.—There has been no important change in the number of lepers of the Archipelago nor in the number of those suffering from insanity.

Deaths in Bilibid.—The most frequent causes of death observed in Bilibid Prison were pulmonary tuberculosis, 13 cases; and amebic dysentery, 12 cases.

Free dispensaries and municipal physicians.—Seven hundred and nineteen poor patients were visited by the municipal physicians of the city, and 2,285 prescriptions written and filled at the municipal dispensaries.

Sanitary inspections.—There were 20,558 inspections and reinspections of houses made by the sanitary inspectors.

Veterinary division.—The veterinary division inspected 9,338 animals at the time they were brought to the city, and 7,029, for slaughter at the abattoir.

Very respectfully,

E. C. CARTER,
Major and Surgeon, United States Army,
Commissioner of Public Health.

The SECRETARY OF THE INTERIOR, *Manila, P. I.*

CARTA DE REMISIÓN.

DEPARTAMENTO DEL INTERIOR,
JUNTA DE SANIDAD DE LAS ISLAS FILIPINAS, OFICINA DEL COMISIONADO,
Manila, 20 de Octubre de 1904.

SEÑOR: Tengo el honor de remitir á V. para su información el siguiente report de la Junta de Sanidad de las Islas Filipinas y de la ciudad de Manila durante el mes de Septiembre de 1904; el cual se refiere principalmente á la estadística demográfico-sanitaria de esta circunscripción municipal y los trabajos de saneamiento llevados á cabo en ella.

Los nacimientos registrados en este mes ascienden á 797, la mayor cifra obtenida hasta el presente, pues da un promedio de 44.11 por mil; lo cual parece demostrar que se va venciendo poco á poco la resistencia que hay en el pueblo de cumplir con esta disposición de la ley, infundiendo la esperanza que pronto se obtendrán datos más completos.

Durante el mes de Septiembre han ocurrido en la ciudad de Manila 1,146 defunciones; de estas 1,064 fueron residentes y 82 transeuntes. Las causas de muerte observadas fueron por el orden de frecuencia como se ven en el siguiente cuadro:

Causas de muerte.	Total de defunciones.	Defunciones en párvulos menores un año de edad.	Causas de muerte.	Total de defunciones.	Defunciones en párvulos menores un año de edad.
Convulsiones infantiles	367	358	Debilidad senil	14	
Tuberculosis del pulmón	96		Pneumonia	13	1
Diarrea y enteritis crónica	96	28	Mal de Bright	13	1
Bronquitis crónica	59	41	Angina de pecho	11	
Bronquitis aguda	58	50	Fiebre tifoida	7	
Beri-beri	49		Reumatismo crónico, y gota	7	
Meningitis simple	49	35	Anemia, clorosis	7	
Disentería	45	1	Tuberculosis de la laringe	6	
Debilidad congénita	40	40	Tétano	6	5
Eclampsia, (no puerperal)	31	30	Afecciones del estómago	6	3
Diarrea y enteritis	26	18	Nefritis aguda	6	1
Enfermedades orgánicas del corazón	16		Fiebre intermitente	5	
Otras enfermedades de la primera edad	14	8			

Un 54 por ciento del total de defunciones representa las ocurridas entre niños menores de un año, habiendo causado, como en meses anteriores, mayor mortalidad la convulsión infantil, cuya suma asciende á 367.

De enfermedades cuarentenable solamente se registró una defunción á consecuencia de peste bubónica, recaída en una filipina residente en el distrito de Tondo; y de viruela hubo cinco casos con 2 defunciones.

Se practicaron 24,931 vacunaciones y revacunaciones en esta capital.

Ciento veinte y cuatro mil unidades de linfa vacuna se enviaron á provincias.

Con esta medida profiláctica llevada cada vez con más eficacia y tocando ya á su fin la estación de calores, época en que la viruela más se difunde, según se ha observado aquí, se puede abrigar la confianza de que muy pronto desaparecerá esta temida enfermedad.

El número de leprosos en todo el Archipiélago, así como los que padecen de enajenación mental, no ha sufrido notable variación.

En el presidio y cárcel de Bilibid las causas de muerte que más se observaron fueron la tuberculosis pulmonar, 13, y la disentería amébica, 12.

Fueron visitados por los médicos municipales de esta circunscripción municipal 719 enfermos pobres, y se les han prescrito 2,285 recetas que fueron despachadas en los dispensarios municipales.

Los inspectores sanitarios verificaron 20,558 inspecciones y reinspecciones de casas.

El veterinario de este Departamento practicó el reconocimiento de 9,338 animales traidos de fuera para su introducción en esta capital, y 7,029 destinados á ser sacrificados.

Muy respetuosamente,

E. C. CARTER,
Comandante y Cirujano del Ejército de los Estados Unidos,
Comisionado de Sanidad Pública.

Al SECRETARIO DEL INTERIOR, *Manila, I. F.*

GENERAL STATISTICS.

[Unless otherwise stated these statistics are for the month of September, 1904.]

Population of the city of Manila.

[Official census of 1903.]

Nationality.	Population.	Nationality.	Population.
Americans	4,389	Chinese	21,230
Filipinos	189,782	All others	895
Spaniards	2,528		
Other Europeans	1,117	Total	219,941

Births reported.[1]

Race.	Male.	Female.	Total.	Annual average per 1,000 for the month.	Race.	Male.	Female.	Total.	Annual average per 1,000 for the month.
Americans	8	4	7	19.41	Chinese	3	1	4	2.29
Filipinos	420	357	777	49.84	All others	1		1	13.60
Spaniards	3	3	6	28.89					
Other Europeans	1	1	2	21.79	Total and average	431	366	797	44.11

[1] Incomplete.

Deaths during month, and annual death rate per 1,000.

	Deaths during September.	Annual average per 1,000 for the month.		Deaths during September.	Annual average per 1,000 for the month.
Americans	5	13.87	Chinese	39	22.36
Filipinos	1,011	64.85	All others	1	13.60
Spaniards	6	28.88			
Other Europeans	2	21.80	Total and average	1,064	58.89

A classified report of all deaths occurring in Manila, including transients.

Males.	Number.	Females.	Number.
Married	87	Married	55
Widowers	29	Widows	54
Single	91	Single	21
Boys	428	Girls	375
Condition not stated in certificate	4	Condition not stated in certificate	2
Total	639	Total	507
Grand total			1,146

Stillbirths, 27; number of deaths with medical attendance, 595; number of deaths without medical attendance, 551; total, 1,146.

Deaths by districts, including transients.

Health districts.	Population.	Deaths.	Annual rate per 1,000.
No. 1, San Nicolas	53,573	93	21.13
No. 2, Tondo	39,045	299	93.23
No. 3, Quiapo	18,487	90	59.26
No. 4, Santa Cruz	43,040	260	73.54
No. 5, Sampaloc	20,279	130	78.04
No. 6, Intramuros	17,463	64	44.61
No. 7, Ermita, Malate, etc	28,054	210	91.13
Total	219,941	1,146	63.47

Stillbirths, 27.

Deaths, by age, including transients.

Age.	Number.	Age.	Number.
Under 30 days	104	40 years to 50 years	52
30 days to 1 year	546	50 years to 60 years	36
1 year to 2 years	85	60 years to 70 years	29
2 years to 5 years	58	70 years to 80 years	21
5 years to 10 years	11	80 years to 90 years	11
10 years to 15 years	8	90 years to 100 years	4
15 years to 20 years	28	100 years and over	2
20 years to 25 years	30	Unknown	1
25 years to 30 years	63		
30 years to 40 years	57	Total	1,146

Comparative mortality from January 1, 1900, to September 30, 1904.

Month.	1900.		1901.		1902.		1903.		1904.	
	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.
January	1,055	[1] 50.79	753	[1] 36.25	760	[1] 36.58	602	[1] 28.98	796	[2] 42.64
February	884	[1] 47.11	689	[1] 36.72	706	[1] 37.63	511	[1] 27.23	709	[2] 40.59
March	887	[1] 42.70	885	[1] 42.66	770	[1] 37.06	539	[1] 25.94	751	[2] 40.23
April	805	[1] 40.04	886	[1] 44.07	1,327	[1] 66.01	549	[1] 27.31	748	[2] 41.40
May	732	[1] 35.24	903	[1] 43.47	1,688	[1] 81.26	770	[1] 37.06	766	[2] 41.03
June	599	[1] 29.79	621	[1] 30.89	1,418	[1] 70.54	592	[1] 29.45	800	[2] 44.28
July	787	[1] 37.88	608	[1] 29.27	2,223	[1] 107.02	620	[2] 33.21	866	[2] 46.39
August	825	[1] 39.71	702	[1] 33.79	1,712	[1] 82.42	862	[2] 46.17	1,032	[2] 55.28
September	1,027	[1] 50.01	767	[1] 38.15	1,132	[1] 56.31	1,228	[2] 67.97	1,064	[2] 58.89
October	961	[1] 46.23	855	[1] 41.16	927	[1] 44.62	1,217	[2] 65.19		
November	976	[1] 48.48	848	[1] 42.18	1,035	[1] 51.48	974	[2] 53.91		
December	905	[1] 43.54	858	[1] 41.30	753	[1] 36.25	894	[2] 47.89		

[1] Death rate computed on population of 244,732 (Health Department's census).
[2] Death rate computed on population of 219,941 (official census, 1903).

CAUSES OF DEATHS.

(TRANSIENTS AND STILLBIRTHS NOT INCLUDED.)

	Nomenclature Designed for the Statistics of Death.	Nomenclatura para las Estadísticas de Defunciones.	Americans.		Foreigners.		Filipinos.		Chinese.		Total.
			M.	F.	M.	F.	M.	F.	M.	F.	
	I.	**I.**									
	General Diseases.	**Enfermedades Generales.**									
1	Typhoid fever (abdominal typhus)	Fiebre tifoidea					2	4	1		7
2	Exanthematic typhus	Tifus exantemático									
3	Recurrent fever	Fiebre recurrente									
4	Intermittent fever and malarial cachexia	Fiebre intermitente					2	1			3
4a	Malarial cachexia	Caquexia palúdica					1				1
5	Variola	Viruelas	1					1			2
6	Measles	Sarampión									
7	Scarlatina	Escarlatina					1				1
8	Whooping cough	Tos ferina									
9	Diphtheria and croup	Difteria y crup					1				1
9a	Diphtheria	Difteria									
10	Grippe	Gripe					1	1			2
11	Miliary fever	Fiebre miliar									
12	Asiatic cholera	Cólera asiático									
13	Cholera nostras	Cólera nostras									
14	Dysentery	Disentería					25	6	3		34
14a	Epidemic dysentery	Disentería epidémica									
15	Plague	Peste						1			1
16	Yellow fever	Fiebre amarilla									
17	Leprosy	Lepra					3	1			4
18	Erysipelas	Erisipelas					1				1
19	Other epidemic affections (beri-beri)	Otras afecciones epidémicas (Beri-beri)					22	14	9		45
20	Purulent infection and septicæmia	Infección purulenta y septicemia						1			1
21	Glanders and farcy	Muermo y lamparones									
22	Malignant pustule and anthrax	Pústula maligna y antrax									
23	Rabies	Rabia									
24	Actinomycosis, trichinosis, etc	Actinomicosis, trichinosis, etc									
25	Pellagra	Pelagra									
26	Tuberculosis of larynx	Tuberculosis de la laringe					3	3			6
27	Tuberculosis of lungs	Tuberculosis del pulmón			2		35	36	8		81
28	Tuberculosis of meninges	Tuberculosis de las meninges					3	1			4
29	Tuberculosis of abdomen	Tuberculosis abdominal					2	1			3
30	Pott's disease	Mal de Pott									
31	Cold abscess and abscess by congestion	Abscesos frios y por congestión									
32	White swellings	Tumores blancos									
33	Tuberculosis of other organs	Tuberculosis de otros órganos									
34	Generalized tuberculosis	Tuberculosis generalizada					1	1			2
35	Scrofula	Escrófula									
36	Syphilis	Sífilis					1	1	1		3
37	Gonorrhea of the adult	Blenorragia en los adultos									
38	Gonococcic infections of children	Afecciones gonocócicas en los niños									
39	Cancer and other malignant tumors of the buccal cavity.	Cáncer ú otros tumores malignos en la cavidad bucal									
40	Cancer and other malignant tumors of the stomach and liver.	Cáncer ú otros tumores malignos del estómago é hígado.									
41	Cancer and other malignant tumors of the peritoneum, intestines, and rectum.	Cáncer ú otros tumores malignos del peritóneo, intestinos y recto.									
42	Cancer and other malignant tumors of the female genitals.	Cáncer ú otros tumores malignos de los órganos genitales de la mujer.						1			1
43	Cancer and other malignant tumors of the breast	Cáncer ú otros tumores malignos de la mama									
44	Cancer and other malignant tumors of the skin	Cáncer ú otros tumores malignos de la piel									
45	Cancer and other malignant tumors of other organs and organs not specified.	Cáncer ú otros tumores malignos en otros órganos					1				1
46	Other tumors (tumors of the female genitals excepted).	Otros tumores (exceptuándose los de los órganos genitales de la mujer.)									
47	Acute articular rheumatism	Reumatismo articular agudo									
48	Chronic rheumatism and gout	Reumatismo crónico y gota					1	5			6
49	Scurvy	Escorbuto									
50	Diabetes	Diabetes									
51	Exophthalmic goiter	Bocio exoftálmico									
52	Addison's disease	Enfermedad bronceada de Addison									
53	Leukæmia	Leucemia									
54	Anæmia, chlorosis	Anemia, clorosis					2	4			6
55	Other general diseases	Otras enfermedades generales									
56	Acute alcoholism, or chronic	Alcoholismo agudo ó crónico									
57	Lead poisoning	Saturnismo									
58	Other poisonings incident to occupations	Otras intoxicaciones profesionales crónicas									
59	Other chronic poisonings	Otros envenenamientos crónicos									
	II.	**II.**									
	Diseases of the Nervous System and the Organs of Special Sense.	**Enfermedades del Sistema Nervioso y de los Órganos de los Sentidos.**									
60	Encephalitis	Encefalitis									
61	Simple meningitis	Meningitis simple			1		22	26			49
61a	Epidemic cerebro-spinal meningitis	Meningitis cérebro-espinal epidémica									
62	Progressive locomotor ataxia	Ataxia locomotriz progresiva									
63	Other diseases of the spinal cord	Otras enfermedades de la médula espinal									
64	Cerebral congestion and hemorrhage	Congestión y hemorragia cerebrales			1		2				3
65	Cerebral softening	Reblandecimiento cerebral									
66	Paralysis without apparent cause	Parálisis sin indicación de causa						1			1
67	General paralysis	Parálisis generales						2			2

CAUSES OF DEATHS—Continued.

	Nomenclature Designed for the Statistics of Death.	Nomenclatura para las Estadísticas de Defunciones.	Americans.		Foreigners.		Filipinos.		Chinese.		Total.
			M.	F.	M.	F.	M.	F.	M.	F.	
	II.—Diseases of the Nervous System and the Organs of Special Sense—Continued.	**II.—Enfermedades del Sistema Nervioso y de los Órganos de los Sentidos—Continuación.**									
68	Other forms of insanity	Otras formas de alineación mental							2		2
69	Epilepsy	Epilepsia									
70	Eclampsia (nonpuerperal)	Eclampsia (no puerperal)				1	15	15			31
71	Convulsions of children	Convulsiones en los niños					185	172		1	358
72	Tetanus	Tétano	1				4	1			6
73	Chorea	Corea									
74	Other diseases of the nervous system	Otras enfermedades del sistema nervioso						1			1
75	Diseases of the eye and its adnexa	Enfermedades de ojos y sus anexos									
76	Diseases of the ear	Enfermedades de los oídos									
	III.	**III.**									
	Diseases of the Circulatory System.	**Enfermedades del Aparato Circulatorio.**									
77	Pericarditis	Pericarditis									
78	Acute endocarditis	Endocarditis aguda									
79	Organic disease of the heart	Enfermedades orgánicas del corazón	1		1		4	3	7		16
80	Angina pectoris	Angina de pecho					4	7			11
81	Affections of the arteries (atheroma, aneurism, etc.)	Afecciones de las arterias, etc						3			3
82	Embolus and thrombosis	Embolia y trombosis									
83	Affections of the veins (varices, hemorrhoides, phlebitis)	Afecciones de las venas									
84	Affections of the lymphatic system (lymphangitis, etc.)	Afecciones del sistema linfático									
85	Hemorrhages	Hemorragias									
86	Other affections of the circulatory system	Otras afecciones del aparato circulatorio									
	IV.	**IV.**									
	Diseases of the Respiratory System.	**Enfermedades del Aparato Respiratorio.**									
87	Diseases of the nasal fosse	Enfermedades de las fosas nasales									
88	Affections of the larynx	Afecciones de la laringe									
89	Affections of the thyroid body	Afecciones del cuerpo tiroideo									
90	Acute bronchitis	Bronquitis aguda					33	23			56
91	Chronic bronchitis	Bronquitis crónica					33	24		1	58
92	Broncho-pneumonia	Bronco-pneumonia					2	2			4
93	Pneumonia	Pneumonía					7	1	1		9
94	Pleurisy	Pleuresía									
95	Pulmonary congestion and apoplexy	Congestión apoplegía pulmonares					3		1		4
96	Gangrene of the lungs	Gangrena del pulmón									
97	Asthma	Asma						2			2
98	Pulmonary emphysema	Enfisema pulmonar									
99	Other diseases of the respiratory system (phthisis excepted).	Otras enfermedades del aparato respiratorio (exceptuándose la tisis).									
	V.	**V.**									
	Diseases of Digestive System.	**Enfermedades del Aparato Digestivo.**									
100	Affections of the mouth and its adnexa	Afecciones de la boca y de sus anexos									
101	Affections of the pharynx	Afecciones de la faringe									
102	Affections of the esophagus	Afecciones del esófago									
103	Ulcer of the stomach	Ulcera del estómago					1	1			2
104	Other affections of the stomach (cancer excepted)	Otras afecciones del estómago (exceptuándose el cáncer).					3	2			5
105	Diarrhea and enteritis (under 2 years)	Diarrea y enteritis (en niños menores de 2 años)					14	9			23
105a	Chronic diarrhea and enteritis	Diarrea y enteritis crónica					40	50			90
106	Diarrhea and enteritis (2 years and over)	Diarrea y enteritis (en niños de 2 ó más años)					1	2			3
107	Intestinal parasites	Parásitos intestinales						1			1
108	Hernias: Intestinal obstructions	Hernias; obstrucciones intestinales									
109	Other affections of the intestines	Otras afecciones del intestino									
110	Acute yellow atrophy of the liver	Ictericia grave									
111	Hydatid tumors of the liver	Tumores hidátidicos del hígado									
112	Cirrhosis of the liver	Cirrosis del hígado					2	1			3
113	Biliary calculi	Cálculos biliares					1	1			2
114	Other affections of the liver	Otras afecciones del hígado					2				2
115	Affections of the spleen	Afecciones del bazo							1		1
116	Simple peritonitis (puerperal excepted)	Peritonitis simple (exceptuándose la puerperal)						2			2
117	Other affections of the digestive system (cancer and tuberculosis excepted).	Otras afecciones del aparato digestivo (exceptuándose el cáncer y tuberculosis).									
118	Appendicitis and abscess of the iliac fossa	Apendicitis y flimón de la fosa iliaca									
	VI.	**VI.**									
	Diseases of the Genito-Urinary System and its Adnexa.	**Enfermedades del Aparato Génito Urinario y de sus Anexos.**									
119	Acute nephritis	Nefritis aguda					1	2	1		4
120	Bright's disease	Mal de bright					4	4	1		9
121	Other diseases of the kidneys and their adnexa	Otras enfermedades de los riñones y de sus anexos									
122	Calculi of the urinary tract	Cálculos de las vías urinarias									
123	Diseases of the bladder	Enfermedades de la vegiga									
124	Diseases of the urethra, urinary abscess, etc	Enfermedades de la uretra									
125	Diseases of the prostate	Enfermedades de la próstata									
126	Nonvenereal diseases of the male genital organs	Enfermedades no venereas de los órganos genitales del hombre.									
127	Metritis	Metritis						1			1
128	Uterine hemorrhage (nonpuerperal)	Hemorragia uterina (no puerperal)									
129	Tumor, uterine (noncancerous)	Tumor uterino (no canceroso)									
130	Other diseases of the uterus	Otras enfermedades del útero									
131	Cysts and other tumors of the ovary	Quistes y otros tumores del ovario									
132	Other diseases of the female genital organs	Otras enfermedades de los órganos genitales de la mujer.									
133	Nonpuerperal diseases of the breast (cancer excepted)	Enfermedades no puerperales de la mama (exceptuándose el cáncer).									

CAUSES OF DEATHS—Continued.

	Nomenclature Designed for the Statistics of Death.	Nomenclatura para las Estadísticas de Defunciones.	Americans. M.	Americans. F.	Foreigners. M.	Foreigners. F.	Filipinos. M.	Filipinos. F.	Chinese. M.	Chinese. F.	Total.
	VII.	**VII.**									
	The Puerperal State.	**Estado Puerperal.**									
134	Accidents of pregnancy	Accidentes de la preñez									
135	Puerperal hemorrhage	Hemorragia puerperal								1	1
136	Other accidents of labor	Otros accidentes del parto						1			1
137	Puerperal septicæmia	Septicemia puerperal						1			1
138	Albuminuria and puerperal eclampsia	Albuminuria y eclampsia puerperales						2			2
139	Puerperal phlegmasia alba dolens	Flegmasia alba dolens puerperal									
140	Other puerperal accidents—sudden death	Otros accidentes puerperales—muerte repentina				1					1
141	Puerperal diseases of the breast	Enfermedades puerperales de la mama									
	VIII.	**VIII.**									
	Diseases of the Skin and Cellular Tissue.	**Enfermedades de la Piel y del Tejido Celular.**									
142	Gangrene	Gangrena									
143	Furuncle	Forúnculo					1				1
144	Warm-acute abscess	Abscesos calientes agudos						1			1
145	Other diseases of the skin and its adnexa	Otras enfermedades de la piel									
	IX.	**IX.**									
	Diseases of the Organs of Locomotion.	**Enfermedades de los Órganos de la Locomoción.**									
146	Affections of the bones (nontuberculous)	Afecciones de los huesos (exceptuando la tuberculosis)									
147	Diseases of the joints (tuberculosis and rheumatism excepted).	Afecciones de las articulaciones (exceptuando la tuberculosis y el reumatismo).									
148	Amputation	Amputación									
149	Other affections of the organs of locomotion	Otras afecciones de los órganos de la locomoción									
	X.	**X.**									
	Malformations.	**Vicios de Conformación.**									
150	Congenital malformations (stillbirths excepted)	Vicios de conformación congénitos (exceptuándose los de niños nacidos muertos).						1			1
	XI.	**XI.**									
	Early Infancy.	**Primera Infancia.**									
151	Congenital debility, icterus and sclerema	Debilidad congénita, ictericia y esclerema					24	16			40
152	Other special diseases of early infancy	Otras enfermedades especiales de la primera edad			1		9	4			14
153	Lack of care	Falta de cuidados									
	XII.	**XII.**									
	Old Age.	**Vejez.**									
154	Senile debility	Debilidad senil					4	9			13
	XIII.	**XIII.**									
	Affections Produced by External Causes.	**Afecciones Producidas por Causas Exteriores.**									
155	Suicide by poison	Suicidio por envenenamiento									
156	Suicide by asphyxia	Suicidio por asfixia									
157	Suicide by hanging or strangulation	Suicidio por suspensión ó por estrangulación									
158	Suicide by submersion	Suicidio por submersión									
159	Suicide by firearms	Suicidio por armas de fuego									
160	Suicide by cutting instruments	Suicidio por instrumentos cortantes									
161	Suicide by jumping from high place	Suicidio por dejarse caer desde un punto elevado									
162	Suicide by crushing	Suicidio por aplastamiento									
163	Other suicides	Otros suicidios									
164	Fractures	Fracturas					1				1
165	Dislocations	Luxaciones									
166	Other accidental traumatisms	Otros traumatismos accidentales	2								2
167	Burns	Quemaduras por el fuego					1				1
168	Burning by corrosive substances	Quemaduras por substancias corrosivas									
169	Insolation	Insolación									
170	Freezing	Congelación									
171	Electrical shocks	Conmoción eléctrica									
172	Accidental submersion	Submersión accidental					2	1			3
173	Inanition	Inanición				1					1
174	Inhalation of deleterious gases (suicide excepted)	Absorción de gases deletéreos									
175	Other acute poisonings	Otros envenenamientos agudos									
176	Other external violence	Otras violencias exteriores									
	XIV.	**XIV.**									
	Ill-Defined Diseases.	**Enfermedades mal Definidas.**									
177	Dropsy	Hidropesía									
178	Sudden death	Muerte repentina									
179	Unspecified or ill-defined causes of death	Causas de muerte no especificadas ó mal definidas									
	Total		5		6	3	533	478	36	3	1064
	Grand total		5		9		1,011		39		1064

NUMBER OF DEATHS, WITH CAUSES, OCCURRING AMONG TRANSIENTS IN MANILA.

[These deaths are not included in preparing death rate of city.]

	Causes of Deaths.	Causas de Muerte.	Americans.		Foreigners.		Filipinos.		Chinese.		Total.
			M.	F.	M.	F.	M.	F.	M.	F.	
	I.	**I.**									
	General Diseases.	**Enfermedades Generales.**									
4	Intermittent fever and malarial cachexia	Fiebre intermitente y palúdica caquexia						2			2
4a	Malarial cachexia	Caquexia palúdica									
14	Dysentery	Disenteria			1		7	1	2		11
19	Other epidemic affections (beri-beri)	Otras afecciones epidémicas (beri-beri)					3	1			4
20	Purulent infection and septicemia	Infeccion purulenta y septicemia						1			1
27	Tuberculosis of lungs	Tuberculosis del pulmón					12	2	1		15
29	Tuberculosis of abdomen	Tuberculosis abdominal						1			1
34	Generalized tuberculosis	Tuberculosis generalizada						1			1
42	Cancer and other malignant tumors of the female genitals	Cancer y otros tumores malignos de los órganos genitales de la muger						1			1
48	Chronic rheumatism and gout	Reumatismo crónico y gota					1				1
54	Anæmia chlorosis	Anemia clorosis						1			1
55	Other general diseases	Otras enfermedades generales					1				1
	II.	**II.**									
	Diseases of the Nervous System and the Organs of Special Sense.	**Enfermedades del Sistema Nervioso y Otros Organos del Sentido Especial.**									
64	Cerebral congestion and hemorrhage	Congestión y hemorragia cerebrales					1				1
71	Convulsions of children	Convulsiones en los niños					6	3			9
	III.	**III.**									
	Diseases of the Circulatory System.	**Enfermedades del Aparato Circulatorio.**									
82	Embolus and thrombosis	Embolia y trombosis									
	IV.	**IV.**									
	Diseases of the Respiratory System.	**Enfermedades del Sistema Respiratorio.**									
88	Affections of the larynx	Afecciones de la laringe			1						1
90	Acute bronchitis	Bronquitis aguda					1	1			2
91	Chronic bronchitis	Bronquitis crónica						1			1
93	Pneumonia	Pneumonia			1		3				4
94	Pleurisy	Pleuresia								1	1
	V.	**V.**									
	Diseases of Digestive System.	**Enfermedades del Aparato Digestivo.**									
103	Ulcer of the stomach	Ulcera del estómago					1				1
104	Other affections of the stomach (cancer excepted)	Otras afecciones del estómago (exceptuando el cancer)					1				1
105	Diarrhea and enteritis (under 2 years)	Diarrea y enteritis (en niños menores de 2 años					3				3
105a	Diarrhea and enteritis, chronic	Diarrea y enteritis crónica					2	3	1		6
106	Diarrhea and enteritis (2 years and over)	Diarrea y enteritis (en niños de 2 ó más años)						1			1
114	Other affections of the liver	Otras afecciones del higado							1		1
	VI.	**VI.**									
	Diseases of the Genito-Urinary System and its Adnexa.	**Enfermedades del Aparato Génito Urinario y sus Anexos.**									
119	Acute nephritis	Nefritis aguda					2				2
120	Bright's disease	Enfermedades de Bright			1		2	1			4
131	Cysts and other tumors of the ovary	Quistes y otros tumures del ovario						1			1
	VII.	**VII.**									
	The Puerperal State.	**Estado Puerperal.**									
138	Albuminuria and puerperal eclampsia	Albumimuria y eclampsia puerperal		1							1
	XII.	**XII.**									
	Old Age.	**Vejez.**									
154	Senile debility	Debilidad senile					1				1
	XIII.	**XIII.**									
	Affections Produced by External Causes.	**Afecciones Producidas por Causas Externas.**									
167	Burns	Quemadura, escaldado									
172	Accidental submersion	Submersion accidental									
	XIV.	**XIV.**									
	Ill-Defined Diseases.	**Enfermedades mal definidas.**									
179	Unspecified or ill-defined causes of death	Causas de muerte no especificadas ó mal definidas					2				2
	Total			1	4		49	22	5	1	82
	Grand total		1		4		71		6		82

NUMBER OF DEATHS BY RACE, SEX, AND AGE (TRANSIENTS INCLUDED).

CAUSE OF DEATH.	Less than one day to thirty days.				From thirty days to one year.				From one to five years.				From five to ten years.			
	A.	E.	F.	C.	A.	E.	F.	C.	A.	E.	F.	C.	A.	E.	F.	C.
	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.
I. General Diseases.																
1. Typhoid fever (abdominal typhus)											1 1				2	
2. Exanthematic typhus																
3. Recurrent fever																
4. Intermittent fever and malarial cachexia											1 1					
4a. Malarial cachexia																
5. Variola									1							
6. Measles																
7. Scarlatina											1					
8. Whooping cough																
9. Diphtheria and croup											1					
9a. Diphtheria																
10. Grippe							1 1									
11. Miliary fever																
12. Asiatic cholera																
13. Cholera nostras																
14. Dysentery							2				10 3				1	
14a. Epidemic dysentery																
15. Plague																
16. Yellow fever																
17. Leprosy																
18. Erysipelas							1									
19. Other epidemic affections											1					
20. Purulent infection and septicæmia											1					
21. Glanders and farcy																
22. Malignant pustule and anthrax																
23. Rabies																
24. Actinomycosis, trichinosis, etc																
25. Pellagra																
26. Tuberculosis of larynx																
27. Tuberculosis of lungs											1				1	
28. Tuberculosis of meninges							2 1									
29. Tuberculosis of abdomen																
30. Pott's disease																
31. Cold abscess and abscess by congestion																
32. White swellings																
33. Tuberculosis of other organs																
34. Generalized tuberculosis																
35. Scrofula																
36. Syphilis																
37. Gonorrhea of the adult																
38. Gonococcic infections of children																
39. Cancer and other malignant tumors of the buccal cavity																
40. Cancer and other malignant tumors of the stomach and liver																
41. Cancer and other malignant tumors of peritoneum, intestines, and rectum																
42. Cancer and other malignant tumors of the female genitals																
43. Cancer and other malignant tumors of the breast																
44. Cancer and other malignant tumors of the skin																
45. Cancer and other malignant tumors of other organs and organs not specified																
46. Other tumors (tumors of the female genitals excepted)																
47. Acute articular rheumatism																
48. Chronic rheumatism and gout																
49. Scurvy																
50. Diabetes																
51. Exophthalmic goiter																
52. Addison's disease																
53. Leukæmia																
54. Anæmia, chlorosis															1	
55. Other general diseases																
56. Acute alcoholism or chronic																
57. Lead poisoning																
58. Other poisonings incident to occupations																
59. Other chronic poisonings																
II. Diseases of the Nervous System and the Organs of Special Sense.																
60. Encephalitis																
61. Simple meningitis				1			14 21				5 4				1	
61a. Epidemic cerebro-spinal meningitis																
62. Progressive locomotor ataxia																
63. Other diseases of the spinal cord																
64. Cerebral congestion and hemorrhage							1									
65. Cerebral softening																
66. Paralysis without apparent cause																
67. General paralysis															1	
68. Other forms of insanity																
69. Epilepsy																
70. Eclampsia (nonpuerperal)			2 1			1 13 13					1					
71. Convulsions of children			29 18				156 155				6 2	1				
72. Tetanus	1		3 1													
73. Chorea																

NUMBER OF DEATHS BY RACE, SEX, AND AGE, ETC.—Continued.

CAUSE OF DEATH.	Less than one day to thirty days.				From thirty days to one year.				From one to five years.				From five to ten years.			
	A.	E.	F.	C.	A.	E.	F.	C.	A.	E.	F.	C.	A.	E.	F.	C.
	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.
II.—Continued.																
Diseases of the Nervous System and the Organs of Special Sense—Continued.																
74. Other diseases of the nervous system								1								
75. Diseases of the eye and its adnexa																
76. Diseases of the ear																
III.																
Diseases of the Circulatory System.																
77. Pericarditis																
78. Acute endocarditis																
79 Organic disease of the heart																
80. Angina pectoris																
81. Affections of the arteries (atheroma, aneurism, etc.)																
82. Embolus and thrombosis																
83. Affections of the veins (varices, hemorrhoides, phlebitis)																
84. Affections of the lymphatic system (lymphangitis, etc.)																
85. Hemorrhages																
86. Other affections of the circulatory system																
IV.																
Diseases of the Respiratory System.																
87. Diseases of the nasal fossæ																
88. Affections of the larynx																
89. Affections of the thyroid body																
90. Acute bronchitis			1				30 19				4 4					
91. Chronic bronchitis			1				28 15				4 8				1	
92. Broncho-pneumonia							1 1									
93. Pneumonia							1	1			1					
94. Pleurisy																
95. Pulmonary congestion and apoplexy			2													
96. Gangrene of the lungs																
97. Asthma																
98. Pulmonary emphysema																
99. Other diseases of the respiratory system (phthisis excepted)																
V.																
Diseases of the Digestive System.																
100. Affections of the mouth and its adnexa																
101. Affections of the pharynx																
102. Affections of the esophagus																
103. Ulcer of the stomach											1					
104. Other affections of the stomach (cancer excepted							2 1				1					
105. Diarrhea and enteritis (under 2 years)			2				11 6				4 3					
105a. Chronic diarrhea and enteritis							14 19				28 32					
106. Diarrhea and enteritis (2 years and over)											1 2					
107. Intestinal parasites											1					
108. Hernias: Intestinal obstructions																
109. Other affections of the intestines																
110. Acute yellow atrophy of the liver																
111. Hydatid tumors of the liver																
112. Cirrhosis of the liver																
113. Biliary calculi																
114. Other affections of the liver							1									
115. Affections of the spleen																
116. Simple peritonitis (puerperal excepted)								1								
117. Other affections of the digestive system (cancer and tuberculosis excepted)																
118. Appendicitis and abscess of the iliac fossa																
VI.																
Diseases of the Genito-Urinary System and its Adnexa.																
119. Acute nephritis								1			1					
120. Bright's disease							1				1				1 1	
121. Other diseases of the kidneys and their adnexa																
122. Calculi of the urinary tract																
123. Diseases of the bladder																
124. Diseases of the urethra, urinary abscess, etc																
125. Diseases of the prostate																
126. Nonvenereal diseases of the male genital organs																
127. Metritis																
128. Uterine hemorrhage (nonpuerperal)																
129. Tumor, uterine (noncancerous)																
130. Other diseases of the uterus																
131. Cysts and other tumors of the ovary																
132. Other diseases of the female genital organs																
133. Nonpuerperal diseases of the breast (cancer excepted)																

NUMBER OF DEATHS BY RACE, SEX, AND AGE, ETC.—Continued.

CAUSE OF DEATH.	Less than one day to thirty days.								From thirty days to one year.								From one to five years.								From five to ten years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
VII.																																
The Puerperal State.																																
134. Accidents of pregnancy																																
135. Puerperal hemorrhage																																
136. Other accidents of labor																																
137. Puerperal septicæmia																																
138. Albuminuria and puerperal eclampsia																																
139. Puerperal phlegmasia—alba dolens																																
140. Other puerperal accidents—sudden death																																
141. Puerperal diseases of the breast																																
VIII.																																
Diseases of the Skin and Cellular Tissue.																																
142. Gangrene																																
143. Furuncle																																
144. Warm-acute abscess																																
145. Other diseases of the skin and its adnexa																																
IX.																																
Diseases of the Organs of Locomotion.																																
146. Affections of the bones (nontuberculous)																																
147. Diseases of the joints (tuberculosis and rheumatism excepted)																																
148. Amputation																																
149. Other affections of the organs of locomotion																																
X.																																
Malformations.																																
150. Congenital malformations (stillbirths excepted)														1																		
XI.																																
Early Infancy.																																
151. Congenital debility, icterus and sclerema					22	14							2	2																		
152. Other special diseases of early infancy					2	3							2	2					1		3								1			
153. Lack of care																																
XII.																																
Old age.																																
154. Senile debility																																
XIII.																																
Affections Produced by External Causes.																																
155. Suicide by poison																																
156. Suicide by asphyxia																																
157. Suicide by hanging or strangulation																																
158. Suicide by submersion																																
159. Suicide by firearms																																
160. Suicide by cutting instruments																																
161. Suicide by jumping from high place																																
162. Suicide by crushing																																
163. Other suicides																																
164. Fractures																																
165. Dislocations																																
166. Other accidental traumatisms																																
167. Burns																																
168. Burning by corrosive substances																																
169. Insolation																																
170. Freezing																																
171. Electrical shocks																																
172. Accidental submersion																						1										
173. Inanition				1																												
174. Inhalation of deleterious gases (suicide excepted)																																
175. Other acute poisonings																																
176. Other external violence																																
XIV.																																
Ill-Defined Diseases.																																
177. Dropsy																																
178. Sudden death																																
179. Unspecified or ill-defined causes of death													1																			
Total	1			1	63	39						1	284	260	1		1		1		73	67		1					5	6		
Grand total	1		1		102						1		544		1		1		1		140			1					11			

NUMBER OF DEATHS BY RACE, SEX, AND AGE, ETC.—Continued.

CAUSE OF DEATH.	From ten to fifteen years								From fifteen to twenty years.								From twenty to twenty-five years.								From twenty-five to thirty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
I. General Diseases.																																
1. Typhoid fever (abdominal typhus)					1									1									1									
2. Exanthematic typhus																																
3. Recurrent fever																																
4. Intermittent fever and malarial cachexia					1									1																1		
4a. Malarial cachexia					1																											
5. Variola																														1		
6. Measles																																
7. Scarlatina																																
8. Whooping cough																																
9. Diphtheria and croup																																
9a. Diphtheria																																
10. Grippe																																
11. Miliary fever																																
12. Asiatic cholera																																
13. Cholera nostras																																
14. Dysentery																			1		1		1						3		2	
14a. Epidemic dysentery																																
15. Plague						1																										
16. Yellow fever																																
17. Leprosy																					1								2			
18. Erysipelas																																
19. Other epidemic affections					1								5	2							3		4	1					6		3	3
20. Purulent infection and septicæmia						1																										
21. Glanders and farcy																																
22. Malignant pustule and anthrax																																
23. Rabies																																
24. Actinomycosis, trichinosis, etc																																
25. Pellagra																																
26. Tuberculosis of larynx																							1						1			
27. Tuberculosis of lungs						1							4	3							4		2						11		7	1
28. Tuberculosis of meninges																													1			
29. Tuberculosis of abdomen													1										1						1			
30. Pott's disease																																
31. Cold abscess and abscess by congestion																																
32. White swellings																																
33. Tuberculosis of other organs																																
34. Generalized tuberculosis						1							1																			
35. Scrofula																																
36. Syphilis																													1	1		
37. Gonorrhea of the adult																																
38. Gonococcic infections of children																																
39. Cancer and other malignant tumors of the buccal cavity																																
40. Cancer and other malignant tumors of the stomach and liver																																
41. Cancer and other malignant tumors of peritoneum, intestines, and rectum																																
42. Cancer and other malignant tumors of the female genitals																																
43. Cancer and other malignant tumors of the breast																																
44. Cancer and other malignant tumors of the skin																																
45. Cancer and other malignant tumors of other organs and organs not specified																																
46. Other tumors (tumors of the female genitals excepted)																																
47. Acute articular rheumatism																																
48. Chronic rheumatism and gout																														1		
49. Scurvy																																
50. Diabetes																																
51. Exophthalmic, goiter																																
52. Addison's disease																																
53. Leukæmia																																
54. Anæmia, chlorosis														2																		
55. Other general diseases																																
56. Acute alcoholism or chronic																																
57. Lead-poisoning																																
58. Other poisonings incident to occupations																																
59. Other chronic poisonings																																
II. Diseases of the Nervous System and the Organs of Special Sense.																																
60. Encephalitis																																
61. Simple meningitis											1		1																			
61a. Epidemic cerebro-spinal meningitis																																
62. Progressive locomotor ataxia																																
63. Other diseases of the spinal cord																																
64. Cerebral congestion and hemorrhage																																
65. Cerebral softening																																
66. Paralysis without apparent cause																																
67. General paralysis																																
68. Other forms of insanity																															1	
69. Epilepsy																																
70. Eclampsia (nonpuerperal)																																
71. Convulsions of children																																
72. Tetanus																					1											
73. Chorea																																

NUMBER OF DEATHS BY RACE, SEX, AND AGE, ETC.—Continued.

CAUSE OF DEATH.	From ten to fifteen years.				From fifteen to twenty years.				From twenty to twenty-five years.				From twenty-five to thirty years.			
	A.	E.	F.	C.	A.	E.	F.	C.	A.	E.	F.	C.	A.	E.	F.	C.
	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.
II.—Continued.																
Diseases of the Nervous System and the Organs of Special Sense—Continued.																
74. Other diseases of the nervous system																
75. Diseases of the eye and its adnexa																
76. Diseases of the ear																
III.																
Diseases of the Circulatory System.																
77. Pericarditis																
78. Acute endocarditis																
79. Organic disease of the heart							1				1		1		1	1
80. Angina pectoris																1
81. Affections of the arteries (atheroma, aneurism, etc.)																
82. Embolus and thrombosis																
83. Affections of the veins (varices, hemorrhoides, phlebitis)																
84. Affections of the lymphatic system (lymphangitis, etc.)																
85. Hemorrhages																
86. Other affections of the circulatory system																
IV.																
Diseases of the Respiratory System.																
87. Diseases of the nasal fossæ																
88. Affections of the larynx																
89. Affections of the thyroid body																
90. Acute bronchitis																
91. Chronic bronchitis															1	
92. Broncho-pneumonia																
93. Pneumonia							2				2				4	
94. Pleurisy																1
95. Pulmonary congestion and apoplexy																
96. Gangrene of the lungs																
97. Asthma																
98. Pulmonary emphysema																
99. Other diseases of the respiratory system (phthisis excepted)																
V.																
Diseases of the Digestive System.																
100. Affections of the mouth and its adnexa																
101. Affections of the pharynx																
102. Affections of the esophagus																
103. Ulcer of the stomach																
104. Other affections of the stomach (cancer excepted)																
105. Diarrhea and enteritis (under 2 years)																1
105a. Chronic diarrhea and enteritis																
106. Diarrhea and enteritis (2 years and over)																
107. Intestinal parasites																
108. Hernias: Intestinal obstructions																
109. Other affections of the intestines																
110. Acute yellow atrophy of the liver																
111. Hydatid tumors of the liver																
112. Cirrhosis of the liver																
113. Biliary calculi																
114. Other affections of the liver																
115. Affections of the spleen																
116. Simple peritonitis (puerperal excepted)								1								
117. Other affections of the digestive system (cancer and tuberculosis excepted)																
118. Appendicitis and abscess of the iliac fossa																
VI.																
Diseases of the Genito-Urinary System and its Adnexa.																
119. Acute nephritis											1				1	1
120. Bright's disease																
121. Other diseases of the kidneys and their adnexa																
122. Calculi of the urinary tract																
123. Diseases of the bladder																
124. Diseases of the urethra, urinary abscess, etc																
125. Diseases of the prostate																
126. Nonvenereal diseases of the male genital organs																
127. Metritis															1	
128. Uterine hemorrhage (nonpuerperal)																
129. Tumor, uterine (noncancerous)																
130. Other diseases of the uterus																
131. Cysts and other tumors of the ovary																
132. Other diseases of the female genital organs																
133. Nonpuerperal diseases of the breast (cancer excepted)																

NUMBER OF DEATHS BY RACE, SEX, AND AGE, ETC.—Continued.

CAUSE OF DEATH.	From ten to fifteen years.								From fifteen to twenty years.								From twenty to twenty-five years.								From twenty-five to thirty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
VII.																																
The Puerperal State.																																
134. Accidents of pregnancy																																
135. Puerperal hemorrhage																																
136. Other accidents of labor																														1		
137. Puerperal septicæmia																						1										
138. Albuminuria and puerperal eclampsia														1				1				1										
139. Puerperal phlegmasia—alba dolens																																
140. Other puerperal accidents—sudden death																																
141. Puerperal diseases of the breast																																
VIII.																																
Diseases of the Skin and Cellular Tissue.																																
142. Gangrene																																
143. Furuncle																																
144. Warm-acute abscess																																
145. Other diseases of the skin and its adnexa																																
IX.																																
Diseases of the Organs of Locomotion.																																
146. Affections of the bones (nontuberculous)																																
147. Diseases of the joints (tuberculosis and rheumatism excepted)																																
148. Amputation																																
149. Other affections of the organs of locomotion																																
X.																																
Malformations.																																
150. Congenital malformations (stillbirths excepted)																																
XI.																																
Early Infancy.																																
151. Congenital debility, icterus and sclerema																																
152. Other special diseases of early infancy																																
153. Lack of care																																
XII.																																
Old age.																																
154. Senile debility																																
XIII.																																
Affections Produced by External Causes.																																
155. Suicide by poison																																
156. Suicide by asphyxia																																
157. Suicide by hanging or strangulation																																
158. Suicide by submersion																																
159. Suicide by firearms																																
160. Suicide by cutting instruments																																
161. Suicide by jumping from high place																																
162. Suicide by crushing																																
163. Other suicides																																
164. Fractures																													1			
165. Dislocations																																
166. Other accidental traumatisms																	1															
167. Burns																																
168. Burning by corrosive substances																																
169. Insolation																																
170. Freezing																																
171. Electrical shocks																																
172. Accidental submersion																																
173. Inanition																																
174. Inhalation of deleterious gases (suicide excepted)																																
175. Other acute poisonings																																
176. Other external violence																																
XIV.																																
Ill-Defined Diseases.																																
177. Dropsy																																
178. Sudden death																																
179. Unspecified or ill-defined causes of death													1																			
Total					4	4					1		16	11			1	1	1		14	11	2		1				33	19	9	1
Grand total					8						1		27				2		1		25		2		1				52		10	

NUMBER OF DEATHS BY RACE, SEX, AND AGE, ETC.—Continued.

CAUSE OF DEATH.	From thirty to thirty-five years.								From thirty-five to forty years.								From forty to forty-five years.								From forty-five to fifty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
I.																																
General Diseases.																																
1. Typhoid fever (abdominal typhus)																																
2. Exanthematic typhus																																
3. Recurrent fever																																
4. Intermittent fever and malarial cachexia																																
4a. Malarial cachexia																																
5. Variola																																
6. Measles																																
7. Scarlatina																																
8. Whooping cough																																
9. Diphtheria and croup																																
9a. Diphtheria																																
10. Grippe																																
11. Miliary fever																																
12. Asiatic cholera																																
13. Cholera nostras																																
14. Dysentery					3		1						2	1									1						2		1	
14a. Epidemic dysentery																																
15. Plague																																
16. Yellow fever																																
17. Leprosy																																
18. Erysipelas																																
19. Other epidemic affections					2	2								1	3						2		2						2			
20. Purulent infection and septicæmia																																
21. Glanders and farcy																																
22. Malignant pustule and anthrax																																
23. Rabies																																
24. Actinomycosis, trichinosis, etc																																
25. Pellagra																																
26. Tuberculosis of larynx																					2									1		
27. Tuberculosis of lungs			1		8	1	1						1	5	4						3		2						6	5	1	
28. Tuberculosis of meninges																																
29. Tuberculosis of abdomen																																
30. Pott's disease																																
31. Cold abscess and abscess by congestion																																
32. White swellings																																
33. Tuberculosis of other organs																																
34. Generalized tuberculosis																																
35. Scrofula																																
36. Syphilis							1																									
37. Gonorrhea of the adult																																
38. Gonococcic infections of children																																
39. Cancer and other malignant tumors of the buccal cavity																																
40. Cancer and other malignant tumors of the stomach and liver																																
41. Cancer and other malignant tumors of peritoneum, intestines, and rectum																																
42. Cancer and other malignant tumors of the female genitals																							1									
43. Cancer and other malignant tumors of the breast																																
44. Cancer and other malignant tumors of the skin																																
45. Cancer and other malignant tumors of other organs and organs not specified																																
46. Other tumors (tumors of the female genitals excepted)																																
47. Acute articular rheumatism																																
48. Chronic rheumatism and gout													1																			
49. Scurvy																																
50. Diabetes																																
51. Exophthalmic goiter																																
52. Addison's disease																																
53. Leukæmia																																
54. Anæmia, chlorosis																							2							1		
55. Other general diseases					1																											
56. Acute alcoholism or chronic																																
57. Lead poisoning																																
58. Other poisonings incident to occupations																																
59. Other chronic poisonings																																
II.																																
Diseases of the Nervous System and the Organs of Special Sense.																																
60. Encephalitis																																
61. Simple meningitis																																
61a. Epidemic cerebro-spinal meningitis																																
62. Progressive locomotor ataxia																																
63. Other diseases of the spinal cord																																
64. Cerebral congestion and hemorrhage																			1													
65. Cerebral softening																																
66. Paralysis without apparent cause																																
67. General paralysis																																
68. Other forms of insanity							1																									
69. Epilepsy																																
70. Eclampsia (nonpuerperal)																																
71. Convulsions of children																																
72. Tetanus																																
73. Chorea																																

NUMBER OF DEATHS BY RACE, SEX, AND AGE, ETC.—Continued.

CAUSE OF DEATH.	From thirty to thirty-five years.								From thirty-five to forty years.								From forty to forty-five years.								From forty-five to fifty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
II.—Continued.																																
Diseases of the Nervous System and the Organs of Special Sense—Continued.																																
74. Other diseases of the nervous system																																
75. Diseases of the eye and its adnexa																																
76. Diseases of the ear																																
III.																																
Diseases of the Circulatory System.																																
77. Pericarditis																																
78. Acute endocarditis																																
79. Organic disease of the heart					1		2															1	1				1			1	1	
80. Angina pectoris														2																1		
81. Affections of the arteries (atheroma, aneurism, etc.)																																
82. Embolus and thrombosis																																
83. Affections of the veins (varices, hemorrhoides, phlebitis)																																
84. Affections of the lymphatic system (lymphangitis, etc.)																																
85. Hemorrhages																																
86. Other affections of the circulatory system																																
IV.																																
Diseases of the Respiratory System.																																
87. Diseases of the nasal fossæ																																
88. Affections of the larynx																											1					
89. Affections of the thyroid body																																
90. Acute bronchitis																																
91. Chronic bronchitis																1																
92. Broncho-pneumonia																																
93. Pneumonia											1										1											
94. Pleurisy																																
95. Pulmonary congestion and apoplexy					1																										1	
96. Gangrene of the lungs																																
97. Asthma																																
98. Pulmonary emphysema																																
99. Other diseases of the respiratory system (phthisis excepted)																																
V.																																
Diseases of the Digestive System.																																
100. Affections of the mouth and its adnexa																																
101. Affections of the pharynx																																
102. Affections of the esophagus																																
103. Ulcer of the stomach																													1			
104. Other affections of the stomach (cancer excepted)																					1											
105. Diarrhea and enteritis (under 2 years)																																
105a. Chronic diarrhea and enteritis					1																									1		
106. Diarrhea and enteritis (2 years and over)																																
107. Intestinal parasites																																
108. Hernias: Intestinal obstructions																																
109. Other affections of the intestines																																
110. Acute yellow atrophy of the liver																																
111. Hydatid tumors of the liver																																
112. Cirrhosis of the liver																					1											
113. Biliary calculi																																
114. Other affections of the liver																															1	
115. Affections of the spleen							1																									
116. Simple peritonitis (puerperal excepted)																																
117. Other affections of the digestive system (cancer and tuberculosis excepted)																																
118. Appendicitis and abscess of the iliac fossa																																
VI.																																
Diseases of the Genito-Urinary System and its Adnexa.																																
119. Acute nephritis						1																										
120. Bright's disease							1															2										
121. Other diseases of the kidneys and their adnexa																																
122. Calculi of the urinary tract																																
123. Diseases of the bladder																																
124. Diseases of the urethra, urinary abscess, etc																																
125. Diseases of the prostate																																
126. Nonvenereal diseases of the male genital organs																																
127. Metritis																																
128. Uterine hemorrhage (nonpuerperal)																																
129. Tumor, uterine (noncancerous)																																
130. Other diseases of the uterus																																
131. Cysts and other tumors of the ovary														1																		
132. Other diseases of the female genital organs																																
133. Nonpuerperal diseases of the breast (cancer excepted)																																

NUMBER OF DEATHS BY RACE, SEX, AND AGE, ETC.—Continued.

CAUSE OF DEATH.	From thirty to thirty-five years.								From thirty-five to forty years.								From forty to forty-five years.								From forty-five to fifty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
VII.																																
The Puerperal State.																																
134. Accidents of pregnancy																																
135. Puerperal hemorrhage																																
136. Other accidents of labor																																
137. Puerperal septicæmia																																
138. Albuminuria and puerperal eclampsia																																
139. Puerperal phlegmasia—alba dolens																																
140. Other puerperal accidents—sudden death																																
141. Puerperal diseases of the breast																																
VIII.																																
Diseases of the Skin and Cellular Tissue.																																
142. Gangrene																																
143. Furuncle																																
144. Warm-acute abscess																																
145. Other diseases of the skin and its adnexa																																
IX.																																
Diseases of the Organs of Locomotion.																																
146. Affections of the bones (nontuberculous)																																
147. Diseases of the joints (tuberculosis and rheumatism excepted)																																
148. Amputation																																
149. Other affections of the organs of locomotion																																
X.																																
Malformations.																																
150. Congenital malformations (stillbirths excepted)																																
XI.																																
Early Infancy.																																
151. Congenital debility, icterus and sclerema																																
152. Other special diseases of early infancy																																
153. Lack of care																																
XII.																																
Old Age.																																
154. Senile debility																																
XIII.																																
Affections Produced by External Causes.																																
155. Suicide by poison																																
156. Suicide by asphyxia																																
157. Suicide by hanging or strangulation																																
158. Suicide by submersion																																
159. Suicide by firearms																																
160. Suicide by cutting instruments																																
161. Suicide by jumping from high place																																
162. Suicide by crushing																																
163. Other suicides																																
164. Fractures																																
165. Dislocations																																
166. Other accidental traumatisms	1																															
167. Burns					1																											
168. Burning by corrosive substances																																
169. Insolation																																
170. Freezing																																
171. Electrical shocks																																
172. Accidental submersion																													1			
173. Inanition																																
174. Inhalation of deleterious gases (suicide excepted)																																
175. Other acute poisonings																																
176. Other external violence																																
XIV.																																
Ill-Defined Diseases.																																
177. Dropsy																																
178. Sudden death																																
179. Unspecified or ill-defined causes of death																																
Total	1		1	1	18	4	8	1			1		4	10	7	1			1		10	6	6				2		12	10	5	
Grand total	1		2		22		9				1		14		8				1		16		6				2		22		5	

NUMBER OF DEATHS BY RACE, SEX, AND AGE, ETC.—Continued.

CAUSE OF DEATH.	From fifty upward.								Unknown.								Total.								Grand total.
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
I.																									
General Diseases.																									
1. Typhoid fever (abdominal typhus)																					2	4	1		7
2. Exanthematic typhus																									
3. Recurrent fever																					2	3			5
4. Intermittent fever and malarial cachexia																					1				1
4a. Malarial cachexia																	1					1			2
5. Variola																									
6. Measles																					1				1
7. Scarlatina																									
8. Whooping cough																					1				1
9. Diphtheria and croup																									
9a. Diphtheria																					1	1			2
10. Grippe																									
11. Miliary fever																									
12. Asiatic cholera																									
13. Cholera nostras																									
14. Dysentery					9	1													1		32	7	5		45
14a. Epidemic dysentery																									
15. Plague																						1			1
16. Yellow fever																									
17. Leprosy						1															3	1			4
18. Erysipelas																					1				1
19. Other epidemic affections					4	2															25	15	9		49
20. Purulent infection and septicæmia																						2			2
21. Glanders and farcy																									
22. Malignant pustule and anthrax																									
23. Rabies																									
24. Actinomycosis, trichinosis, etc																									
25. Pellagra																									
26. Tuberculosis of larynx						1															3	3			6
27. Tuberculosis of lungs			1		9	13													2		47	38	9		96
28. Tuberculosis of meninges																					3	1			4
29. Tuberculosis of abdomen						1															2	2			4
30. Pott's disease																									
31. Cold abscess and abscess by congestion																									
32. White swellings																									
33. Tuberculosis of other organs																									
34. Generalized tuberculosis						1															1	2			3
35. Scrofula																									
36. Syphilis																					1	1	1		3
37. Gonorrhea of the adult																									
38. Gonococcic infections of children																									
39. Cancer and other malignant tumors of the buccal cavity																									
40. Cancer and other malignant tumors of the stomach and liver																									
41. Cancer and other malignant tumors of peritoneum, intestines, and rectum																									
42. Cancer and other malignant tumors of the female genitals						1																2			2
43. Cancer and other malignant tumors of the breast																									
44. Cancer and other malignant tumors of the skin																									
45. Cancer and other malignant tumors of other organs and organs not specified					1																1				1
46. Other tumors (tumors of the female genitals excepted)																									
47. Acute articular rheumatism																									
48. Chronic rheumatism and gout					1	4															2	5			7
49. Scurvy																									
50. Diabetes																									
51. Exophthalmic goiter																									
52. Addisson's disease																									
53. Leukæmia																									
54. Anæmia, chlorosis					1																2	5			7
55. Other general diseases																					1				1
56. Acute alcoholism or chronic																									
57. Lead poisoning																									
58. Other poisonings incident to occupations																									
59. Other chronic poisonings																									
II.																									
Diseases of the Nervous System and the Organs of Special Sense.)																									
60. Encephalitis																									
61. Simple meningitis					1														1		22	26			49
61a. Epidemic cerebro-spinal meningit is																									
62. Progressive locomotor ataxia																									
63. Other diseases of the spinal cord																									
64. Cerebral congestion and hemorrhage					2														1		3				4
65. Cerebral softening																									
66. Paralysis without apparent cause						1																1			1
67. General paralysis						1																2			2
68. Other forms of insanity																							2		2
69. Epilepsy																									
70. Eclampsia (nonpuerperal)																					1	15	15		31
71. Convulsions of children																						191	175	1	367
72. Tetanus																	1					4	1		6
73. Chorea																									

NUMBER OF DEATHS BY RACE, SEX, AND AGE, ETC.—Continued.

CAUSE OF DEATH.	From fifty upward.								Unknown.								Total.								Grand total.
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
II.—Continued.																									
Diseases of the Nervous System and the Organs of Special Sense—Continued.																									
74. Other diseases of the nervous system																						1			1
75. Diseases of the eye and its adnexa																									
76. Diseases of the ear																									
III.																									
Diseases of the Circulatory System.																									
77. Pericarditis																									
78. Acute endocarditis																									
79. Organic disease of the heart							3										1		1		4	3	7		16
80. Angina pectoris					4	3															4	7			11
81. Affections of the arteries (atheroma, aneurism, etc.)						3																3			3
82. Embolus and thrombosis																									
83. Affections of the veins (varices, hemorrhoides, phlebitis)																									
84. Affections of the lymphatic system (lymphangitis, etc.)																									
85. Hemorrhages																									
86. Other affections of the circulatory system																									
IV.																									
Diseases of the Respiratory System.																									
87. Diseases of the nasal fossæ																									
88. Affections of the larynx																			1						1
89. Affections of the thyroid body																									
90. Acute bronchitis																					34	24			58
91. Chronic bronchitis																					33	25		1	59
92. Broncho-pneumonia					1	1															2	2			4
93 Pneumonia																			1		10	1	1		13
94. Pleurisy																								1	1
95. Pulmonary congestion and apoplexy																					3		1		4
96. Gangrene of the lungs																									
97. Asthma						2																2			2
98. Pulmonary emphysema																									
99. Other diseases of the respiratory system (phthisis excepted)																									
V.																									
Diseases of the Digestive System.																									
100. Affections of the mouth and its adnexa																									
101. Affections of the pharynx																									
102. Affections of the esophagus																									
103. Ulcer of the stomach						1															2	1			3
104. Other affections of the stomach (cancer excepted)						1															4	2			6
105 Diarrhea and enteritis (under 2 years)																					17	9			26
105a Chronic diarrhea and enteritis																					42	53	1		96
106. Diarrhea and enteritis (2 years and over)						1															1	3			4
107. Intestinal parasites																						1			1
108. Hernias: Intestinal obstructions																									
109. Other affections of the intestines																									
110. Acute yellow atrophy of the liver																									
111. Hydatid tumors of the liver																									
112. Cirrhosis of the liver					1	1															2	1			3
113. Biliary calculi					1	1															1	1			2
114. Other affections of the liver					1																2		1		3
115. Affections of the spleen																							1		1
116. Simple peritonitis (puerperal excepted)																						2			2
117. Other affections of the digestive system (cancer and tuberculosis excepted)																									
118. Appendicitis and abscess of the iliac fossa																									
VI.																									
Diseases of the Genito-Urinary System and its Adnexa.																									
119. Acute nephritis																					3	2	1		6
120. Bright's disease			1		3	2													1		6	5	1		13
121. Other diseases of the kidneys and their adnexa																									
122. Calculi of the urinary tract																									
123. Diseases of the bladder																									
124. Diseases of the urethra, urinary abscess, etc																									
125. Diseases of the prostate																									
126. Nonvenereal diseases of the male genital organs																									
127. Metritis																						1			1
128. Uterine hemorrhage (nonpuerperal)																									
129. Tumor, uterine (noncancerous)																									
130. Other diseases of the uterus																									
131. Cysts and other tumors of the ovary																						1			1
132. Other diseases of the female genital organs																									
133. Nonpuerperal diseases of the breast (cancer excepted)																									

NUMBER OF DEATHS BY RACE, SEX, AND AGE, ETC.—Continued.

CAUSE OF DEATH.	From fifty upward.								Unknown.								Total.								Grand total.
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
VII.																									
The Puerperal State.																									
134. Accidents of pregnancy																									
135. Puerperal hemorrhage																								1	1
136. Other accidents of labor																						1			1
137. Puerperal septicæmia																						1			1
138. Albuminuria and puerperal eclampsia																		1				2			3
139. Puerperal phlegmasia—alba dolens																									
140. Other puerperal accidents—sudden death																				1					1
141. Puerperal diseases of the breast																									
VIII.																									
Diseases of the Skin and Cellular Tissue.																									
142. Gangrene																									
143. Furuncle					1																1				1
144. Warm-acute abscess						1																1			1
145. Other diseases of the skin and its adnexa																									
IX.																									
Diseases of the Organs of Locomotion.																									
146. Affections of the bones (nontuberculous)																									
147. Diseases of the joints (tuberculosis and rheumatism excepted)																									
148. Amputation																									
149. Other affections of the organs of locomotion																									
X.																									
Malformations.																									
150. Congenital malformations (stillbirths excepted)																						1			1
XI.																									
Early Infancy.																									
151. Congenital debility, icterus and sclerema																					24	16			40
152. Other special diseases of early infancy																			1		9	4			14
153. Lack of care																									
XII.																									
Old Age.																									
154. Senile debility					5	9															5	9			14
XIII.																									
Affections Produced by External Causes.																									
155. Suicide by poison																									
156. Suicide by asphyxia																									
157. Suicide by hanging or strangulation																									
158. Suicide by submersion																									
159. Suicide by firearms																									
160. Suicide by cutting instruments																									
161. Suicide by jumping from high place																									
162. Suicide by crushing																									
163. Other suicides																									
164. Fractures																					1				1
165. Dislocations																									
166. Other accidental traumatisms																	2								2
167. Burns																					1				1
168. Burning by corrosive substances																									
169. Insolation																									
170. Freezing																									
171. Electrical shocks																									
172. Accidental submersion													1								2	1			3
173. Inanition																				1					1
174. Inhalation of deleterious gases (suicide excepted)																									
175. Other acute poisonings																									
176. Other external violence																									
XIV.																									
Ill-Defined Diseases.																									
177. Dropsy																									
178. Sudden death																									
179. Unspecified or ill-defined causes of death																					2				2
Total			2		45	53	3						1				5	1	10	3	582	500	41	4	1,146
Grand total			2		98		3						1				6		13		1,082		45		1,146

Of the total number of deaths occurring during the month of September, 1904, 1,146, including transients, 812 were of persons less than 16 years of age. Of the remaining 334 adults of both sexes only 211, classified below, had definite occupations:

Sex and occupation.	Number.
Males:	
Barber	1
Blacksmith	1
Boatmen	2
Carriage maker	1
Carpenters	10
Cigar maker	1
Clerks	12
Cooks	6
Drivers	5
Electrician	1
Farmers	2
Fishermen	2
Gardeners	3
Grass sellers	2
Hat maker	1
Judge	1
Laborers	54
Lawyer	1
Mechanic	1
Merchants	3
Males—Continued.	
Naval engineers	4
Painters	2
Priest	1
Printer	1
Property owners	2
Policeman	1
Sailors	7
Sculptor	1
Servants	2
Shoemaker	1
Shopkeepers	3
Silversmith	1
Street sweepers	2
Stoker	1
Students	3
Tailors	4
Tinner	1
Total	147
Females:	
Cigar makers	8
Embroiderers	3
Fisherwoman	1
Laborers	2
Laundry women	10
Merchants	2
Milliner	1
Seamstresses	26
Servants	3
Shopkeepers	5
Teachers	2
Weaver	1
Total	64
Grand total	211

Bilibid Prison sick report.

Diseases.	Total sick as per last report.	Taken since last report.	Died.	Discharged.	Total number sick this date.
Acute pharyngitis and laryngitis		1		1	
Anchylostomiasis		1			1
Beri-beri		3	1	2	
Biri-beri acute (pulmonary edema)		1	1		
Beri-beri and forceps delivery of dead fetus eight months		1			1
Bronchial asthma	1			1	
Chicken pox	2	46		19	29
Chronic interstitial nephritis		1		1	
Circumcision		1			1
Contusion of ankle		1		1	
Delirium tremens		1		1	
Direct inguinal hernia (radical operation)	1	1		2	
Double hydrocele	1			1	
Enteritis, acute		1		1	
Enteritis, catarrhal		1		1	
Epilepsy		1		1	
Fecal impaction		10		9	1
Fever, malarial intermittent		7		7	
Fever, malarial intermittent and chronic interstitial nephritis	1			1	
Fever, malarial remittent		3		3	
Fracture of neck of femur		1	1		
General miliary tuberculosis		1	1		
Hernia (radical operation)		2			2
Hemoptysis		1		1	
Hydrocele (radical operation)		3		3	
Hydrocele and direct inguinal hernia (radical operation)	1			1	
Intestinal amebiasis	7	33	9	25	6
Intestinal amebiasis and lobar pneumonia		2	1	1	
Intestinal parasites, tape worm		1		1	
Intestinal colic		1		1	
Intestinal and hepatic amebiasis (perforation of colon)		1	1		
Lobar pneumonia	10	17	4	18	5
Lobar pneumonia and intestinal amebiasis		1	1		
Lobar pneumonia and uncinariosis		1	1		
Lobar pneumonia and double tertian malarial fever		1		1	
Luxation of humerus		1		1	
Multiple abscesses (trichinosis)		1			1
Necrosis, lower jaw (excision left half of inferior maxilla)		1			1
Pulmonary infarction	1			1	
Pulmonary tuberculosis and intestinal amebiasis		1	1		
Ring worm of body		1		1	
Senility (asthenia)		1	1		
Senility and chronic interstitial nephritis		1	1		
Threatened abortion and intestinal amebiasis		2		2	
Tuberculosis, pulmonary	17	16	13	1	19
Total	42	172	37	110	67

Total number prisoners, 4,489; convalescents, 21; disabled, 93; insane, 13.

Bilibid Prison report of deaths.

Disease.	Presidio.				Carcel.				Total.	Condition.				Cemeteries.	
	Filipinos.		Chinese.		Filipinos.		Chinese.			Single.	Married.	Widowers.	Unknown.	Norte.	Loma.
	M.	F.	M.	F.	M.	F.	M.	F.							
Intestinal amebiasis	7				5				12	3	7	1	1	12	
Beri-beri	1				1				2	1	1			2	
Pulmonary tuberculosis	8				4	1			13	5	7		1	13	
General tuberculosis						1			1	1				1	
Pneumonia	2				4				6	4	2			6	
Senility	1				1				2	1		1		2	
Fractures	1								1		1			1	
Calculi of the urinary tract															
Warm-acute abscess															
Total	20				15	2			37	15	18	2	2	37	

Report of San Lazaro Hospital, Women's and Leper Departments.

	Leper department.[1]							Women's department.[2]				
	Europeans.		Filipinos.		Chinese.		Total.	Americans.	Europeans.	Filipinas.	Japanese.	Total.
	M.	F.	M.	F.	M.	F.						
Number of patients in hospital at last report		1	132	91	1		225	1	5	63	37	106
Number of patients received during the month			2				2	2	3	33	23	61
Number of patients discharged								3	7	50	42	102
Number of deaths			3	1			4					
Number of patients escaped			1				1					
Number of patients remaining in hospital		1	130	90	1		222		1	46	18	65

[1] Died, 3 males and 1 female Filipinos. Escaped, 1 male Filipino.
[2] Discharged cured, 3 Americans, 7 Europeans, 42 Japanese, and 47 Filipinas. Given into custody of police, 2 Filipinas. Transferred to San Juan de Dio Hospital, 1 Filipina.

Report of prescriptions filled at the Municipal Dispensaries.

Sanitary districts.	Americans.				Foreigners.				Filipinos.				Chinese.				Total.
	Adults.		Children.		Adults.		Children.		Adults.		Children.		Adults.		Children.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
Health District No. 1, San Nicolas									66	97	32	58					253
Health District No. 2, Tondo	3								256	186	91	46					582
Health District No. 3, Quiapo									104	86	39	23					252
Health District No. 4, Santa Cruz	1								44	70	40	36					191
Health District No. 5, Sampaloc									140	107	89	61					397
Health District No. 6, Intramuros									56	74	43	14					187
Health District No. 7, Ermita, Malate, etc									109	98	144	72					423
Total	4								775	718	478	310					2,285

Report of sick and wounded city poor attended by municipal physicians.

Health districts and physicians.	Americans.				Foreigners.				Filipinos.				Chinese.				Total.	Cured.		Deaths.		Number of visits.
	Adults.		Children.		Adults.		Children.		Adults.		Children.		Adults.		Children.							
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.		M.	F.	M.	F.	
No. 1, San Nicolas, Dr. F. Herrera									10	8	14	27					59	13	23	1	2	287
No. 2, Tondo, Dr. V. Pantoja									30	15	53	58					156	58	61	6	9	355
No. 3, Quiapo, Dr. P. Gabriel									22	37	20	9					88	17	12	7	6	158
No. 4, Santa Cruz, Dr. C. Reyes									12	7	18	15					52	15	11	4	3	256
No. 5, Sampaloc, Dr. F. Castañeda									50	29	37	67					183	37	38	10	11	348
No. 6 Intramuros, Dr. V. Cavanna									16	12	24	31					83	19	24	5	7	462
No. 7, Ermita, Dr. J. B. Cabarrus									28	18	21	31					98	29	33	14	5	265
Total									168	126	187	238					719	188	202	47	43	2,126

Burials and disinterments.

Cemetery.	Number.
BURIALS.	
Loma (Government)	613
Norte (Government)	71
Paco general (Government)	34
Santa Cruz	5
Balic-balic	147
Binondo	25
Tondo (niche)	
Maytubig	71
Malate	76
Pandacan (Romano)	11
Pandacan (Filipino)	26
Chinese	36
Santa Ana	49
American National Cemetery	8
Crematory	1
BURIALS—continued.	
Sampaloc	
Total	1,173
DISINTERMENTS.	
Paco	6
Pandacan	1
Sampaloc	
Santa Cruz	4
Binondo	2
Chinese	7
Total	20

Stillbirths, 27.

General inspection of houses, premises, vaults, etc., with improvements ordered, disinfected, whitewashed, cleaned, etc., by medical inspectors, sanitary inspectors, and assistant sanitary inspectors.

1. Houses inspected by sanitary inspectors	1,919
2. Houses reinspected for verification of work ordered	617
3. Houses inspected by assistant sanitary inspectors	20,558
4. Houses reinspected by assistant sanitary inspectors	7,236
5. Houses ordered cleaned (written)	2
6. Houses ordered cleaned (verbal)	6,380
7. Houses cleaned	5,704
8. Houses ordered whitewashed and painted	20
9. Houses whitewashed and painted	16
10. Houses disinfected	139
11. Houses recommended condemned and removed	7
12. Houses condemned and removed	0
13. Number of localities where "squatters" are located	27
14. Number of samples of water from wells sent to Laboratory	0
15. Number of reports from same	0
16. Number of fire plugs opened or closed for sanitary purposes	0
17. Number of hydrants recommended reopened	0
18. Number of houses where garbage has not been removed for two days	200
19. Number of persons reported sick to municipal physicians	419
20. Cesspools and vaults ordered cleaned	226
21. Cesspools cleaned	202
22. Yards ordered cleaned	2,498
23. Yards cleaned	2,203
24. Yards ordered repaired (repaved, etc.)	7
25. Yards repaired	11
26. Number of cholera cases reported by assistant sanitary inspectors	0
27. Number of cholera cases reported by Auxiliary Advisory Board	0
28. Number of cholera cases found "alive"	0
29. Number of cholera cases found "dead"	0
30. Number of orders issued during the month	606
31. Number of orders complied with during the month	606
32. Number of orders awaiting action	4
33. Number of orders pending in court	0
34. Number of food tiendas in districts	1,466
35. Number of persons convicted for violation of food-prohibition order	0
36. Average in visiting each street and barrio during month	6
37. Number of regular inspectors on duty	17
38. Number of emergency inspectors on duty	1
39. Number of leper cases sent to San Lazaro Hospital	0
40. Number of plague cases reported	1
41. Number of smallpox cases reported	5
42. Houses in which traps are set	12.019
43. Houses in which bane is placed	0
44. Traps set	47,009
45. Plates with ratsbane placed	0
46. Rats caught by rat catchers	6,950
47. Rats caught by traps	5,088
48. Rats caught by poison	0
49. Rats purchased	10
50. Rat catchers employed	119

Report of disinfections.

Causes for disinfections.	Number of disinfections.	Number of contacts.
Bubonic plague	4	9
Smallpox	7	35
Leprosy		
Glanders	3	
Surra	2	
Lymphangitis	2	
Insanitary condition	79	
Scarlet fever	1	
Total	98	44

Report of crematories.

Disposition.	Crematories.			Total.
	Palomar.	Santa Cruz.	Paco.	
Animals cremated:				
American horses	22		6	28
American mules	4		5	9
Chinese mules	3			3
Chinese horses	2		1	3
Filipino horses	58		12	70
Carabaos	5		1	6
Cows	61			61
Dogs	67			67
Goat	1			1
Australian horses	5			5
Calves	4			4
Cats	106			106
Rats	10,695			10,695
Sheep	1			1
Fowls	594			594
Domestic birds	44		1	45
Animals cremated—Continued.				
Pigs	43		2	45
Monkeys			29	29
Deer	7		7	14
Total	11,722		64	11,786
Loads cremated:				
Garbage	2,525	137	1,013	3,675
Trade refuse	121	7	41	169
Market refuse	423	9	56	488
Waste	296	3	331	630
Organic matter	64			64
Condemned goods	74			75
Total	3,503	156	1,441	5,100

Report of operations of the pail-conservancy system.

Where cleaned.	Pail collections.			Vaults cleaned.					
				Cleaned by odorless excavators.			Cleaned by public scavengers.		
	Number of installations.	Pails in use.	Pails cleaned.	Vaults cleaned.	Loads removed.	Gallons removed.	Permits issued.	Vaults cleaned.	Barrels contents removed.
Private houses	958	1,163	27,380	130	331	165,500			
Public buildings	53	129	3,818	8	169	84,500			
Public closets	35	1,050	19,980						
Provisional pails (1 in use)		2	60						
Military buildings	16	120	3,590	5	86	43,000			
Total	1,062	2,464	54,828	143	586	293,000			

Report of action taken on licenses.

Business for which license is desired.	License applications approved.	License applications disapproved.	Total applications acted upon.	Applications awaiting action.	Business for which license is desired.	License applications approved.	License applications disapproved.	Total applications acted upon.	Applications awaiting action.
1. Aërated waters	3	1	4		11. Liquor, second-class bar				
2. Bakeries	7	1	8		12. Lodging house	1		1	
3. Boarding house	1		1		13. Native products		1	1	
4. Chocolate, make and sell	3		3		14. Restaurants	5	2	7	
5. Cooked food, native products	2	5	7		15. Soap, make and sell	6	1	7	
6. Distilleries (perfumes)	2		2		16. Sweetmeats, make and sell	4		4	
7. Distillery (spirits)	1		1		17. Theaters	2		2	
8. Drug stores	10		10		18. Native wine, to sell	7	3	10	
9. Laundries	3		3						
10. Liquor, first-class bar	1		1		Total	58	14	72	

Reports received of lepers living in the various provinces of the Philippine Islands.

Province.	Race.	Number of men.	Number of women.	Children.		Single.		Married.		Widowers.	Widows.	Total.
				M.	F.	M.	F.	M.	F.			
Abra	Filipino	8	4	1		4	3	3	1			12
Albay	do	23	22	3	4	14	12	5	3	1	3	45
Ambos Camarines	do	72	22	6	1	37	10	23	9	6	2	94
Antique	do	62	49	13	14	21	16	22	15	6	4	111
Bataan	do	10	2		1	9		1			1	12
Batangas	do	18	11			14	4	3	3	1	4	29
Benguet[1]	Igorrote	32	11	1	1	1		21	10	9		43
Bohol	Filipino	78	55	5	3	34	39	35	12	4	1	133
Bulacan	do	21	14			8	9	11	5	2		35
Cagayan	do	47	50	1		23	16	19	21	4	13	97
Capiz	do	37	15	1		18	10	16	5	2		52
Cavite	do	38	23			26	17	8	4	4	2	61
Cebu	do	675	377									1,052
Ilocos Norte	do	75	38			25	18	42	12	8	8	113
Ilocos Sur	do	137	77	12	2	62	44	45	18	18	13	214
Iloilo	do	81	29	4	1	41	10	27	8	9	10	110
Isabela	do	11	6			3		7	3	1	3	17
La Laguna	do	17	8	1	2	6	3	7	1	3	2	25
Lepanto-Bontoc[1]	do	15	4	1		5	1	8		1	8	19
Leyte[1]	do	50	41	1	3	26	27	20	7	3	4	91
Masbate	do	8	3	1		3	1	2	2	2		11
Mindanao[1]	Moro	143	77	3	3	86	44	45	18	9	12	220
Misamis	Filipino	39	13	2		20	7	14	3	3	3	52
Negros Occidental	do	22	8	2	2	9	6	10		1		30
Negros Oriental[1]	do	72	44	6	2	27	23	32	14	7	5	116
Nueva Ecija	do	39	17	1		18	7	14	5	6	5	56
Nueva Vizcaya	do	2	4			1		1	2		2	6
Pampanga	do	11	7			3	5	6	2	2		18
Pangasinan	do	34	23		1	10	4	20	14	4	4	57
Rizal	do	40	17	1	1	22	10	16	6	1		57
Romblon	do	8	6			2	2	5	2	1	2	14
Samar[1]	do	52	40	13	8	15	11	21	18	3	3	92
San Lazaro	do	131	91	23	11	68	45	27	19	13	16	222
Sorsogon	do	83	34		1	41	18	38	6	4	9	117
Surigao[1]	do		1								1	1
Tarlac	do	20	8	2		4	5	13	3	1		28
Tayabas	do	15	5			2	3	11	1	2	1	20
Union	do	33	18			10	11	20	7	3		51
Zambales[1]	do	60	35	2		30	15	24	15	4	5	95
Total		2,319	1,309	106	61	748	456	642	274	148	141	3,628

[1] Revised report not received.

Reports received of insane persons living in the various provinces of the Philippine Islands.

Province.	Race.	Number of males.	Number of females.	Children.		Single.		Married.		Widowers.	Widows.	Total.
				M.	F.	M.	F.	M.	F.			
Abra	Filipino	23	11			15	5	6	2	2	4	34
Albay	do	18	19	2		8	12	5	3	3	4	37
Ambos Camarines	do	66	57	1	4	46	36	15	10	4	7	123
Antique	do	39	32		1	27	17	9	13	3	1	71
Bataan	do	12	8			6		5	4	1	4	20
Batangas	do	67	57			54	40	9	7	4	10	124
Bohol	do	279	280	11	7	209	212	50	45	9	16	559
Bulacan	do	41	24			26	10	12	9	3	5	65
Capiz	do	34	38		1	18	17	13	11	3	9	72
Cavite	do	31	23			22	8	7	10	2	5	54
Cebu	do	447	333	11	3	324	250	95	65	17	15	780
Ilocos Norte	do	52	37	2	1	38	28	9	5	3	3	89
Ilocos Sur	do	93	57	1		63	40	23	10	6	7	150
Iloilo	do	101	92			64	49	26	19	11	24	193
Isabela	do	9	7			4	3	5	3		1	16
La Laguna	do	71	72	3	5	45	40	17	18	6	9	143
Lepanto-Bontoc	do	10	7			6	5	3		1	2	17
Masbate	do	18	20	1	1	12	12	4	4	1	3	38
Mindoro	do	9	7			8	4	1	2		1	16
Misamis	do	70	66	1		51	35	14	17	4	14	136
Negros Occidental	do	41	31		1	32	13	6	9	3	8	72
Nueva Ecija	do	31	18	1		25	11	3	4	2	3	49
Nueva Vizcaya	do	4	5			4	1		3		1	9
Pampanga	do	31	35			24	19	7	12		4	66
Pangasinan	do	93	86	6	5	45	44	26	22	16	15	179
Rizal	do	42	27			25	16	16	6	1	5	69
Romblon	do	22	5			5	2	11	3	6		27
Samar	do	32	28			23	20	4	4	5	4	60
Sorsogon	do	86	65			66	40	16	19	4	6	151
Tarlac	do	9	7			6	5	3			2	16
Tayabas	do	128	100	5	1	100	75	16	13	7	11	228
Union	do	32	15	1		18	9	12	4	1	2	47
Zambales	do	9	17			7	7	2	1		9	26
Total		2,050	1,686	46	30	1,426	1,085	450	357	128	214	3,736

Report of the Veterinary Division of the Board of Health for the Philippine Islands.

[JOHN G. SLEE, *Chief Veterinarian.*]

Disposition.	Number.
On arrival in city:	
Number of cattle inspected	4,178
Number of carabaos inspected	371
Number of horses inspected	157
Number of hogs inspected	4,541
Number of sheep inspected	7
Number of goats inspected	73
Number of other animals inspected	11
Total	9,338
For shipment to provinces:	
Number of cattle inspected	288
Total	288

Disposition.	Number.
In Government abattoir:	
Number of cattle slaughtered	2,106
Number of hogs slaughtered	4,921
Number of sheep slaughtered	
Number of goats slaughtered	2
Total	7,029
Miscellaneous:	
Number of cattle condemned in matadero	4
Number of hogs condemned in matadero	9
Number of horses condemned for glanders	2
Number of horses condemned for surra	15
Number of other animals condemned	7
Total	37

Sanitary Engineer's Division—Number of houses on which work has been completed in accordance with orders issued by this office, and orders issued and complied with.

Health district.	Number of houses on which work has been completed.	Orders.	
		Issued.	Complied with.
Station A, San Nicolas	25	4	56
Station C, Tondo	4	10	57
Station F, Quiapo	7	1	
Station G, Santa Cruz	19		7
Station I, Sampaloc	12	5	6
Station J, Intramuros	10	4	8
Station L, Ermita, Malate, etc	17		34
Total	94	24	168

New orders issued during the month, 70.

Amount of vaccine virus distributed by the Board of Health.

	Units.
Inhabitants of the Philippine Islands (Manila not included)	124,600
Used by Vaccine Division and other institutions of the city of Manila	65,100
Total	189,700

Report of vaccinations, city of Manila.

Health district.	Vaccinations.				Inspections.						
	Children.	Adults.		Total.	Children.		Adult males.		Adult females.		Total.
		Male.	Female.		Positive.	Negative.	Positive.	Negative.	Positive.	Negative.	
No. 1, San Nicolas											
No. 2, Tondo											
No. 3, Quiapo	3,663	6,710	4,732	15,105	71	139	135	336	121	326	1,128
No. 4, Santa Cruz	2,324	4,222	2,671	9,217	941	1,805	1,279	4,046	935	3,064	12,070
No. 5, Sampaloc											
No. 6, Intramuros	26	27	16	69							
No. 7, Ermita											
Total	6,013	10,959	7,419	24,391	1,012	1,944	1,414	4,382	1,056	3,390	13,198

Smallpox and plague reports for Manila.

Nationality, district, and age.	Smallpox.				Plague.			
	Cases.		Deaths.		Cases.		Deaths.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
Americans	1		1					
Filipinos	2	2		1				
Foreigners								
Chinese								
Total	3	2	1	1				

	Smallpox.		Plague.	
	Cases.	Deaths.	Cases.	Deaths.
Health districts:				
No. 1, San Nicolas				
No. 2, Tondo	2	1		
No. 3, Quiapo				
No. 4, Santa Cruz	2	1		
No. 5, Sampaloc	1			
No. 6, Intramuros				
No. 7, Ermita				
Total	5	2		
Ages:				
Under 1 year	1			
1 year to 10 years	3	1		
10 years to 20 years				
20 years to 30 years	1	1		
30 years to 40 years				
40 years to 50 years				
50 years and over				
Total	5	2		

Number of cases found alive, 4; number of cases found dead, 1; total, 5. One fatal case of plague, in a native girl, 14 years of age, occurred in the district of Tondo during the month of September.

Epidemic of cholera in the city of Manila and provinces from March 20, 1902, to August 31, 1904.

Month.	Manila.		Provinces.	
	Cases.	Deaths.	Cases.	Deaths.
1902.				
March	108	90		
April	586	406	1,927	1,417
May	550	442	2,407	1,631
June	601	492	5,204	4,097
July	1,368	1,053	7,757	5,807
August	720	581	11,247	7,874
September	273	179	43,346	27,410
October	87	57	30,837	18,572
November	336	236	12,353	6,681
December	35	24	5,918	3,583
1903.				
January	7	4	4,921	2,757
February	2	1	2,997	2,009
March	6	6	1,903	1,124
April	33	27	1,772	1,147
May	230	212	1,402	885
June	39	38	3,554	2,945
1903—Continued.				
July	42	38	4,167	2,806
August	89	72	10,212	7,406
September	290	263	4,613	3,672
October	127	118	2,581	1,969
November	31	26	1,119	937
December	14	13	364	270
1904.				
January	4	5	35	24
February	3	3	61	42
March			23	10
April			1	
May				
June				
July				
August				
Total	5,581	4,386	160,671	105,075

METEOROLOGICAL DATA DEDUCED FROM HOURLY OBSERVATIONS.

Date.	Barometer.[1] Mean.		Temperature.[2] Mean.		Maximum.		Minimum.		Relative humidity mean.
	Inches.	*Mm.*	°*C.*	°*F.*	°*C.*	°*F.*	°*C.*	°*F.*	*Per ct.*
1	29.869	758.65	24.7	76.5	26.5	79.7	22.8	73.0	90.2
2	29.819	57.40	26.1	79.0	30.2	86.4	22.6	72.7	83.5
3	29.799	56.87	26.8	80.2	30.5	86.9	22.8	73.0	80.3
4	29.807	57.08	27.4	81.3	30.7	87.3	24.2	75.6	80.6
5	29.837	57.85	27.3	81.1	31.6	88.9	23.8	74.8	81.6
6	29.851	58.20	25.5	77.9	29.2	84.6	23.2	73.8	88.5
7	29.802	56.94	26.2	79.2	29.2	84.6	23.0	73.4	87.2
8	29.685	53.97	24.9	76.8	26.7	80.1	22.5	72.5	91.8
9	29.789	56.63	24.8	76.6	26.3	79.3	22.8	73.0	91.3
10	29.828	57.62	26.2	79.2	31.4	88.5	22.6	72.7	82.4
11	29.852	58.22	25.9	78.6	30.5	86.9	21.8	71.2	82.2
12	29.850	58.19	25.9	78.6	30.2	86.4	23.0	73.4	84.7
13	29.813	57.23	26.5	79.7	30.3	86.5	23.2	73.8	82.8
14	29.789	56.62	26.6	79.9	30.5	86.9	23.0	73.4	84.3
15	29.762	55.96	26.9	80.4	31.7	89.1	23.2	73.8	83.5
16	29.736	55.27	27.0	80.6	32.9	91.2	23.8	74.8	82.8
17	29.759	55.88	25.8	78.4	30.0	86.0	23.7	74.7	84.7
18	29.796	56.79	25.7	78.3	30.1	86.2	22.4	72.3	84.4
19	29.789	56.63	26.2	79.2	30.5	86.9	22.5	72.5	85.5
20	29.768	56.09	25.8	78.4	30.9	87.6	23.3	73.9	87.2
21	29.777	56.33	25.5	77.9	30.2	86.4	23.6	74.5	91.0
22	29.865	58.54	25.9	78.6	30.7	87.3	23.4	74.1	90.0
23	29.933	60.27	26.5	79.7	31.4	88.5	23.2	73.8	86.1
24	29.912	59.75	27.1	80.8	30.4	86.7	23.5	74.3	81.4
25	29.929	60.18	26.6	79.9	30.5	86.9	23.0	73.4	82.5
26	29.966	60.13	26.3	79.3	30.5	86.9	22.4	72.3	84.9
27	29.931	60.22	27.0	80.6	31.2	88.2	23.1	73.6	84.6
28	29.886	59.11	27.1	80.8	31.1	88.0	23.8	74.8	84.4
29	29.870	58.67	26.1	79.0	31.2	88.2	23.5	74.3	89.2
30	29.857	58.36	25.9	78.6	31.6	88.9	22.3	72.1	85.2
Mean	29.831	757.69	26.2	79.2	30.3	86.5	23.1	73.5	85.3
Total									

Date.	Wind. Prevailing direction.	Total daily motion.		Maximum. Force.		Direction.	Sunshine.	Rainfall.	
		Km.	*Miles.*	*Km.*	*Miles.*		*h. m.*	*Inch.*	*Mm.*
1	WSW.	162	101	18	11	WSW.	0 05	1.839	46.7
2	SSW.-W.	226	140	29	18	SW.	6 05		
3	WSW.	236	147	26	16	WSW.	10 20	.028	0.7
4	SW.-W.	209	130	22	14	SW. by W.	8 50	.094	2.4
5	SW.	180	112	20	12	SW.	7 15	.028	0.7
6	W.	186	116	24	15	SW. by W.	1 55	.614	15.6
7	WSW.	134	83	14	9	WSW.	0 45	.028	0.7
8	NW., ESE.	566	352	56	35	NW. by N.	0 00	2.780	70.6
9	ESE.	218	135	13	8	ESE.	0 00	1.087	27.6
10	ESE.	239	149	29	18	W. by S.	4 50	1.299	33.0
11	W.	164	102	15	9	W. by N.	8 05	.201	5.1
12	N.	226	140	16	10	N. by W.	6 50	.087	2.2
13	WSW.	242	150	16	10	SW.	6 20	.858	21.8
14	WSW.	236	147	26	16	SW. by W.	9 20	.008	0.2
15	SE.-SSW.	160	99	20	12	S.	9 40		
16	SE.	170	106	17	11	ESE.	5 25	.035	0.9
17	S.-SW.	186	116	24	15	SW. by S.	1 35	.091	2.3
18	SW.	146	91	30	19	SW. by W.	3 40	.102	2.6
19	SE.	72	45	8	5	SSE.	4 10	.016	0.4
20	Variable.	80	50	12	7	NW. by W.	2 10	2.220	56.4
21	Variable.	60	37	10	6	WSW.	1 05	.327	8.3
22	Variable.	96	60	12	7	WSW.	1 50	.445	11.3
23	WSW.	82	51	26	16	SSW.	5 50	.055	1.4
24	WSW.	212	132	28	18	SW. by W.	4 50	.114	2.9
25	WSW.	191	119	26	16	WSW.	4 25	1.055	26.8
26	SW.	162	101	20	12	SW.	7 15	.059	1.5
27	SW.-W.	188	117	24	15	SW.	9 55	.437	11.1
28	SW.	192	119	25	16	SW.	8 35	.598	15.2
29	NNW.	68	42	12	7	NW.	6 05	.394	10.0
30	WSW.	114	71	16	10	ENE.	5 10	.492	12.5
Mean		180.1	112.0	21.3	13.1		5 05		
Total		5,403	3,360				152 20	15.391	390.9

[1] Corrected for instrumental error and for temperature and reduced to sea level. Correction to standard gravity, —1.72 mm. (—0.068 inch).
[2] These values are taken from instruments mounted in the Observatory park, 1.5 meters above ground.

GENERAL LIBRARY,
UNIV. OF MICH.
FEB 18 1905

MONTHLY REPORT

OF THE

Board of Health for the Philippine Islands

AND CITY OF MANILA.

OCTOBER, 1904.

TO THE HON. DEAN C. WORCESTER, SECRETARY OF THE INTERIOR.

E. C. CARTER, M. D., Major and Surgeon, U. S. Army,
Commissioner of Public Health.

T. R. MARSHALL, M. D.,
Chief Health Inspector for the Philippine Islands.

P. C. FREER, M. D., Ph. D.,
Superintendent of Government Laboratories.

H. D. OSGOOD, B. S.,
Sanitary Engineer for the Philippine Islands.

MANUEL GOMEZ, M. D.,
Secretary Board of Health for the Philippine Islands.

MANILA:
BUREAU OF PUBLIC PRINTING.
1904.

25342

LETTER OF TRANSMITTAL.

DEPARTMENT OF THE INTERIOR,
BOARD OF HEALTH FOR THE PHILIPPINE ISLANDS,
OFFICE OF THE COMMISSIONER,
Manila, November 21, 1904.

SIR: I have the honor to forward herewith the report of the Board of Health for the Philippine Islands and the city of Manila for the month of October, 1904, comprising principally the vital and sanitary statistics of this city during the said period.

Births.—There were 740 births registered during the month, as shown by the records of this office, of which 397 were males and 343 females, the average being 39.64 per 1,000. By comparing the above number with the number of births registered during the previous month of September, which amounted to 797, a difference of 57 births less in October is observed.

Until accuracy can be attained in the birth statistics, as has been done in the death records, it will not be possible to present reliable deductions or to make a comparative study of the numerical variation in population as influenced by these causes and by the difference between immigration and emigration.

Deaths.—The total number of deaths which occurred during the month, excluding transients, was 1,018, from which an average is obtained of 54.53 per year, or 0.14 per day, for each 1,000 inhabitants. By comparing this mortality with that of the previous month of September, in which there were 1,064 deaths registered, it is found that there were 46 deaths more in September, 1904, giving an annual average of 58.89 per 1,000, or a daily average of 0.02 more than in October.

A comparison of the table of deaths by causes for the two months shows that 348 died from infantile convulsions in October against 358 in September; chronic diarrhea and enteritis, 61 against 90; meningitis, simple, 44 against 49; beri-beri, 29 against 45; dysentery, 20 against 34; diarrhea and enteritis in children under 2 years of age, 18 against 23; organic disease of the heart, 6 against 16; angina pectoris, 9 against 11; special diseases of early infancy, 1 against 14; eclampsia (nonpuerperal), 29 against 31. There were, on the other hand, fewer deaths registered in September from the following causes: Congenital debility, 53 in October against 40 in September; typhoid fever, 17 against 7; cerebral congestion and hemorrhage, 14 against 3; tuberculosis, 108 against 96; acute bronchitis, 59 against 56; diseases of the nervous system, 3 against 1; Bright's disease, 10 against 9; senile debility, 15 against 13; intermittent fever, 8 against 3; malarial cachexia, 2 against 1.

The greatest mortality during the month was caused by infantile convulsions, with 348 deaths; these figures are probably inaccurate, for the fact that very often the diagnoses are made after death for the purpose of making out the death certificates; they should be given, therefore, only a relative weight. Tuberculosis follows next with 108 deaths, representing 10.60 per cent of the total mortality of the month. The other causes of death, arranged in the order of their frequency, are as follows:

Cause.	Total. deaths.	Cause.	Total. deaths.
Chronic diarrhea	61	Diarrhea in children under 2 years	18
Acute bronchitis	59	Typhoid fever	17
Chronic bronchitis	58	Senile debility	15
Congenital debility	53	Cerebral congestion and hemorrhage	14
Meningitis, simple	44	Bright's disease	10
Beri-beri	29	Angina pectoris	9
Eclampsia (nonpuerperal)	29	Organic disease of heart	6
Dysentery	20		

The total mortality from various causes of children divided into the two classifications—of those under 30 days and of those between 30 days and one year of age—still continues very large, both classifications making a total of 642 deaths, representing 63 per cent of the total mortality. These abnormal and discouraging figures have been for some time a matter occupying the attention of the Board of Health, and efforts are being made with a view to reducing the same by means of an educational campaign, teaching the people the rational practices and special care required by very young children. These teachings are not being assimilated easily and rapidly by the people, because any change in the customs or habits always implies a slow and laborious evolution before the same is adopted, but nevertheless I still hope that more satisfactory results will be attained in the near future.

There were 9 deaths among persons between 80 and 90 years of age; 7 between 90 and 100; and one of 108 years.

Deaths in Bilibid.—There were 43 deaths registered in Bilibid Prison, of which 27 were caused by tuberculosis and 8 by pneumonia.

Quarantinable diseases.—In connection with quarantinable diseases there were only two deaths from smallpox, one occurring on the 2d and the other on the 7th of the month; both were cases which had been registered during the previous month. The victims were children, a male and a female, of 19 and 18 months of age, respectively.

Vaccination.—Nineteen thousand two hundred and forty-seven persons were vaccinated and revaccinated against smallpox within the limits of the city, and 17,457 inspections were made for the purpose of verifying the results obtained, 5,377 vaccinations having been found successful and 12,080 unsuccessful. These results should not be construed to mean that the vaccine virus used was of poor quality, as undoubtedly the reason is that a large number of persons have been rendered immune by previous vaccinations.

Vaccine virus.—One hundred and sixty-nine thousand three hundred units of vaccine virus were shipped to the provinces.

Free dispensaries and municipal physicians.—Six hundred and seventy-nine patients were attended by the municipal physicians during the month and 2,671 prescriptions written and filled at the municipal dispensaries.

Free clinics.—Medical and surgical clinics were established this month in each sanitary station, in charge of the medical inspector and the municipal physician of the district, who are on duty in the same at least one hour every day. It is the purpose of this service, with its increased number of easily accessible dispensaries and improved facilities, to afford the poor of the city every possible opportunity for obtaining free medical aid.

Sanitary inspections.—One thousand five hundred and sixty-eight houses and premises were inspected by the sanitary inspectors and 436 reinspected for verification of work ordered.

The assistant sanitary inspectors inspected 23,089 houses and reinspected 7,223.

Two thousand six hundred and sixty-nine yards were ordered cleaned and 2,329 were cleaned.

Measures against plague.—Rat traps were distributed in 15,061 houses and 49,515 traps were set. There were 13,699 rats caught.

Veterinary division.—The veterinarians of this Bureau examined 8,062 animals of various species before their admission to this city—93 cattle to be shipped to the provinces and 7,321 cattle of various kinds for slaughter at the abattoir.

Very respectfully,

E. C. CARTER,
Major and Surgeon, United States Army,
Commissioner of Public Health.

The SECRETARY OF THE INTERIOR, *Manila, P. I.*

CARTA DE REMISIÓN.

DEPARTAMENTO DEL INTERIOR,
JUNTA DE SANIDAD DE LAS ISLAS FILIPINAS,
OFICINA DEL COMISIONADO,
Manila, 21 de Noviembre de 1904.

SEÑOR: Tengo el honor de remitir á V. con la presente el informe mensual de esta Junta de Sanidad de las Islas Filipinas y de la ciudad de Manila correspondiente al mes de Octubre próximo pasado, el cual compr nde principalmente la estadística demográfico-sanitaria de toda la circunscripción de esta capital.

En este mes se han inscrito en el registro de esta oficina 740 nacimientos, de los cuales 397 son varones y 343 hembras; el promedio es de 39.64 por mil. Comparada la cifra anterior con la registrada en Septiembre próximo pasado, que fueron 797, resulta una diferencia de 57 nacimientos menos en Octubre.

Entretanto que la inscripción de nacimientos no sea tan completa como es el registro de las defunciones, no se puede hacer ningún estudio comparativo ni deducir consecuencias finales entre la *entrada* y *salida* que representan en las colectividades humanas los nacimientos y defunciones, juntamente con la inmigración y emigración.

La cifra total de defunciones en este mes, excluyendo los transeuntes, fueron 1,018, que arroja un promedio de 54.53 por mil al año, ó sea de 0.14 al día por mil habitantes. Comparada esta mortalidad con la del mes de Septiembre próximo pasado que fueron 1,064, este resulta con 46 defunciones más que Octubre, alcanzando un promedio de 58.89 por mil al año, ó bien 0.02 de mortalidad al día más en Septiembre que en Octubre.

Cotejando las cifras de las varias causas de muerte de un mes y otro, resulta que fallecieron en Octubre de convulsiones infantiles 348 contra 358 en Septiembre; diarrea crónica y enteritis, 61 contra 90; meningitis simple, 44 contra 49; beri-beri 29 contra 45; disentería 20 contra 34; diarrea y enteritis en niños menores de dos años, 18 contra 23; lesiones orgánicas del corazón, 6 contra 16; angina de pecho 9 contra 11; enfermedades de la infancia, 1 contra 14; eclampsia no puerpueral, 29 contra 31. En cambio en Septiembre hubo menos número de defunciones en las enfermedades siguientes: Debilidad congénita, en Octubre 53 contra 40 en Septiembre; tifoidea, 17 contra 7; congestión cerebral y hemorragia, 14 contra 3; tuberculosis, 108 contra 96: bronquitis aguda, 59 contra 56; enfermedades del sistema nervioso, 3 contra 1; mal de Bright, 10 contra 9; debilidad senil, 15 contra 13; fiebre intermitente, 8 contra 3; caquexia palúdica, 2 contra 1.

Las causas de muerte que más predominaron en este mes fueron las convulsiones infantiles con 348 defunciones; esta cifra atribuida á esta sola enfermedad es probable que no sea exacta en consideración á que en muchas ocasiones los diagnósticos fueron hechos post-morten para los efectos de la expedición de certificados; por lo tanto no pueden tener mas que un valor relativo. Inmediatamente viene la tuberculosis con 108 defunciones, que representa un 10.60 de la total mortalidad de este mes. Las otras causas de muerte, según el orden de frecuencia, son como sigue:

Causas de muerte.	Total de defunciones.	Causas de muerte.	Total de defunciones.
Diarrea crónica	61	Diarrea en niños menores de dos años	18
Bronquitis aguda	59	Tifoidea	17
Bronquitis crónica	58	Debilidad senil	15
Debilidad congénita	53	Congestión cerebral y hemorragia	14
Meningitis simple	44	Mal de Bright	10
Beri-beri	29	Angina de pecho	9
Eclampsia (no puerperal)	29	Lesiones orgánicas del corazón	6
Disentería	20		

Continua siendo muy crecida la mortalidad entre los niños comprendidos en el grupo de edades de menores de 30 dias á un año, cuya suma arroja la cifra de 642 defunciones, representando un 63 por ciento de la mortalidad total. Estas cifras anormales y desconsoladoras hace tiempo ocupan la atención de esta Junta y á disminuirla tienden sus esfuerzos difundiendo en el pueblo prácticas racionales y cuidados especiales que requieren las tiernas criaturas; pero estas enseñanzas no tan fácil y rápidamente se infiltran en el pueblo, dado que toda innovación en las costumbres supone una evolución lenta y laboriosa antes de conseguir su adopción, por lo que yo aún confio alcanzar en un porvenir no lejano más satisfactorios resultados.

Entre los grupos de edad comprendidos entre 80 y 90 años fallecieron 9; entre 90 y 100, 7; y hubo otro de 108 años.

En las prisiones de Bilibid se registraron 43 defunciones, de las cuales 27 fueron causadas por la tuberculosis y 8 á consecuencia de pneumonia.

De las enfermedades cuarentenables hubo 2 defunciones á consecuencia de la viruela, una ocurrió el 2 de este mes y la otra del 7 del mismo; ambos casos fueron registrados en Septiembre último y las víctimas fueron un niño y otra niña de 19 y 18 meses de edad respectivamente.

Fueron vacunadas y revacunadas contra la viruela en todo el radio de la ciudad 19,247 personas, y se verificaron 17,457 inspecciones con el objeto de averiguar los resultados obtenidos, habiéndose visto que se obtuvieron 5,377 vacunaciones positivas y 12,080 negativas. Este último resultado no debe interpretarse como si la linfa usada era de mala calidad, sino que indudablemente tal número de personas están dentro de la inmunidad que anteriores vacunaciones ó revacunaciones les han proporcionado.

Se enviaron á provincias 169,300 unidades de linfa vacuna.

Han sido asistidos por los Sres. médicos municipales 679 enfermos pobres, á quienes se les han prescrito 2,671 recetas que fueron á su vez despachadas en los dispensarios municipales.

En este mes se ha establecido en cada estación sanitaria un consultorio médico-quirúrgico en que el médico inspector y el municipal del distrito prestan guardia por una hora lo menos al dia, y el objeto de este servicio es proporcionar al público más sitios y facilidades donde acudir y hallar el remedio de sus dolencias físicas.

Mil quinientas sesenta y ocho casas han sido inspeccionadas por los inspectores sanitarios, y fueron reinspeccionadas 436 para comprobar si se ejecutaron las obras que fueron ordenadas.

Los ayudantes inspectores sanitarios inspeccionaron 29,089 casas y reinspeccionadas por los mismos 7,223.

Se ordenaron la limpieza de 2,669 patios y se limpiaron 2,329

Se distribuyeron ratoneras en 15,061 casas y se colocaron 49,515. Se cogieron 13,699 ratas.

Los veterinarios de esta Oficina practicaron el reconocimiento de 8,062 animales de varias especies antes de ser introducidos en esta ciudad, 93 reses vacunas para ser transportadas á provincias, y 7,321 reses de varias clases que fueron sacrificadas en el matadero.

Muy respetuosamente,

E. C. CARTER,
Comandante y Cirujano del Ejército de los Estados Unidos,
Comisionado de Sanidad Pública.

Al SECRETARIO DEL INTERIOR, *Manila, I. F.*

GENERAL STATISTICS.

[Unless otherwise stated these statistics are for the month of October, 1904.]

Population of the city of Manila.

[Official census of 1903.]

Nationality.	Population.	Nationality.	Population.
Americans	4,389	Chinese	21,230
Filipinos	189,782	All others	895
Spaniards	2,528		
Other Europeans	1,117	Total	219,941

Births reported.[1]

Race.	Male.	Female.	Total.	Annual average per 1,000 for the month.	Race.	Male.	Female.	Total.	Annual average per 1,000 for the month.
Americans	5	8	13	34.89	Chinese	2	1	3	1.66
Filipinos	387	331	718	44.57	All others				
Spaniards	3	2	5	23.30					
Other Europeans		1	1	10.54	Total and average	397	343	740	39.64

[1] Incomplete.

Deaths during the month, and annual death rate per 1,000.

	Deaths during October.	Annual average per 1,000 for the month.		Deaths during October.	Annual average per 1,000 for the month.
Americans	4	10.73	Chinese	30	16.64
Filipinos	979	60.77	All others		
Spaniards	5	23.30			
Other Europeans			Total and average	1,018	54.58

A classified report of all deaths occurring in Manila, including transients.

Males.	Number.	Females.	Number.
Married	88	Married	70
Widowers	34	Widows	46
Single	85	Single	26
Boys	404	Girls	335
Condition not stated in certificate	5	Condition not stated in certificate	
Total	616	Total	477
Grand total			1,093

Stillbirths, 24; number of deaths with medical attendance, 565; number of deaths without medical attendance, 528; total, 1,093.

Deaths, by age, including transients.

Age.	Number.	Age.	Number.
Under 30 days	117	40 years to 50 years	38
30 days to 1 year	525	50 years to 60 years	42
1 year to 2 years	46	60 years to 70 years	31
2 years to 5 years	40	70 years to 80 years	9
5 years to 10 years	11	80 years to 90 years	9
10 years to 15 years	8	90 years to 100 years	7
15 years to 20 years	35	100 years and over	1
20 years to 25 years	39	Unknown	3
25 years to 30 years	67		
30 years to 40 years	65	Total	1,093

Stillbirths, 24.

Deaths by districts, including transients.

Health districts.	Population.	Deaths.	Annual rate per 1,000.
No. 1, San Nicolas	53,573	91	20.01
No. 2, Tondo	39,045	313	94.44
No. 3, Quiapo	18,487	82	52.25
No. 4, Santa Cruz	43,040	231	63.23
No. 5, Sampaloc	20,279	135	78.43
No. 6, Intramuros	17,463	59	39.80
No. 7, Ermita, Paco, etc	28,054	182	76.43
Total	219,941	1,093	58.55

Comparative mortality from January 1, 1900, to October 31, 1904.

Month.	1900.		1901.		1902.		1903.		1904.	
	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.
January	1,055	[1] 50.79	753	[1] 36.25	760	[1] 36.58	602	[1] 28.98	796	[2] 42.64
February	884	[1] 47.11	689	[1] 36.72	706	[1] 37.63	511	[1] 27.23	709	[2] 40.59
March	887	[1] 42.70	885	[1] 42.66	770	[1] 37.06	539	[1] 25.94	751	[2] 40.23
April	805	[1] 40.04	886	[1] 44.07	1,327	[1] 66.01	549	[1] 27.31	748	[2] 41.40
May	732	[1] 35.24	903	[1] 43.47	1,688	[1] 81.26	770	[1] 37.06	766	[2] 41.03
June	599	[1] 29.79	621	[1] 30.89	1,418	[1] 70.54	592	[1] 29.45	800	[2] 44.28
July	787	[1] 37.88	608	[1] 29.27	2,223	[1] 107.02	620	[2] 33.21	866	[2] 46.39
August	825	[1] 39.71	702	[1] 33.79	1,712	[1] 82.42	862	[2] 46.17	1,032	[2] 55.28
September	1,027	[1] 50.01	767	[1] 38.15	1,132	[1] 56.31	1,228	[2] 67.97	1,064	[2] 58.89
October	961	[1] 46.23	855	[1] 41.16	927	[1] 44.62	1,217	[2] 65.19	1,018	[2] 54.53
November	976	[1] 48.48	848	[1] 42.18	1,035	[1] 51.48	974	[2] 53.91		
December	905	[1] 43.54	858	[1] 41.30	753	[1] 36.25	894	[2] 47.89		

[1] Death rate computed on population of 244,732 (Health Department's census).
[2] Death rate computed on population of 219,941 (official census, 1903).

CAUSES OF DEATHS.

(TRANSIENTS AND STILLBIRTHS NOT INCLUDED.)

	Nomenclature Designed for the Statistics of Death.	Nomenclatura para las Estadísticas de Defunciones.	Americans.		Foreigners.		Filipinos.		Chinese.		Total.
			M.	F.	M.	F.	M.	F.	M.	F.	
	I.	**I.**									
	General Diseases.	**Enfermedades Generales.**									
1	Typhoid fever (abdominal typhus)	Fiebre tifoidea					8	8	1		17
2	Exanthematic typhus	Tifus exantemático									
3	Recurrent fever	Fiebre recurrente									
4	Intermittent fever and malarial cachexia	Fiebre intermitente					6	2			8
4a	Malarial cachexia	Caquexia palúdica					1	1			2
5	Variola	Viruelas					1	1			2
6	Measles	Sarampión									
7	Scarlatina	Escarlatina									
8	Whooping cough	Tos ferina									
9	Diphtheria and croup	Difteria y crup									
9a	Diphtheria	Difteria						1			1
10	Grippe	Gripe									
11	Miliary fever	Fiebre miliar									
12	Asiatic cholera	Cólera asiático									
13	Cholera nostras	Cólera nostras									
14	Dysentery	Disentería					8	9	3		20
14a	Epidemic dysentery	Disentería epidémica									
15	Plague	Peste									
16	Yellow fever	Fiebre amarilla									
17	Leprosy	Lepra					3	1			4
18	Erysipelas	Erisipelas						1			1
19	Other epidemic affections (beri-beri)	Otras afecciones epidémicas (Beri-beri)					14	9	6		29
20	Purulent infection and septicæmia	Infección purulenta y septicemia						1			1
21	Glanders and farcy	Muermo y lamparones									
22	Malignant pustule and anthrax	Pústula maligna y antrax					1				1
23	Rabies	Rabia									
24	Actinomycosis, trichinosis, etc	Actinomicosis, trichinosis, etc									
25	Pellagra	Pelagra									
26	Tuberculosis of larynx	Tuberculosis de la laringe						4			4
27	Tuberculosis of lungs	Tuberculosis del pulmón			1		45	38	10		94
28	Tuberculosis of meninges	Tuberculosis de las meninges					3				3
29	Tuberculosis of abdomen	Tuberculosis abdominal			1		4	2			7
30	Pott's disease	Mal de Pott									
31	Cold abscess and abscess by congestion	Abscesos fríos y por congestión									
32	White swellings	Tumores blancos									
33	Tuberculosis of other organs	Tuberculosis de otros órganos									
34	Generalized tuberculosis	Tuberculosis generalizada									
35	Scrofula	Escrófula									
36	Syphilis	Sífilis							2		2
37	Gonorrhea of the adult	Blenorragia en los adultos									
38	Gonococcic infections of children	Afecciones gonocócicas en los niños									
39	Cancer and other malignant tumors of the buccal cavity.	Cáncer ú otros tumores malignos en la cavidad bucal									
40	Cancer and other malignant tumors of the stomach and liver.	Cáncer ú otros tumores malignos del estómago ó hígado.					1				1
41	Cancer and other malignant tumors of the peritoneum, intestines, and rectum.	Cáncer ú otros tumores malignos del peritóneo, intestinos y recto.					1				1
42	Cancer and other malignant tumors of the female genitals.	Cáncer ú otros tumores malignos de los órganos genitales de la mujer.						2			2
43	Cancer and other malignant tumors of the breast	Cáncer ú otros tumores malignos de la mama									
44	Cancer and other malignant tumors of the skin	Cáncer ú otros tumores malignos de la piel									
45	Cancer and other malignant tumors of other organs and organs not specified.	Cáncer ú otros tumores malignos en otros órganos									
46	Other tumors (tumors of the female genitals excepted).	Otros tumores (exceptuándose los de los órganos genitales de la mujer.)					1				1
47	Acute articular rheumatism	Reumatismo articular agudo					2				2
48	Chronic rheumatism and gout	Reumatismo crónico y gota						3			3
49	Scurvy	Escorbuto									
50	Diabetes	Diabetes		1			1				2
51	Exophthalmic goiter	Bocio exoftálmico									
52	Addison's disease	Enfermedad bronceada de Addison									
53	Leukæmia	Leucemia									
54	Anæmia, chlorosis	Anemia, clorosis						1			1
55	Other general diseases	Otras enfermedades generales									
56	Acute alcoholism, or chronic	Alcoholismo agudo ó crónico									
57	Lead poisoning	Saturnismo									
58	Other poisonings incident to occupations	Otras intoxicaciones profesionales crónicas									
59	Other chronic poisonings	Otros envenenamientos crónicos							1		1
	II.	**II.**									
	Diseases of the Nervous System and the Organs of Special Sense.	**Enfermedades del Sistema Nervioso y de los Órganos de los Sentidos.**									
60	Encephalitis	Encefalitis									
61	Simple meningitis	Meningitis simple					28	16			44
61a	Epidemic cerebro-spinal meningitis	Meningitis cérebro-espinal epidémica									
62	Progressive locomotor ataxia	Ataxia locomotriz progresiva						1			1
63	Other diseases of the spinal cord	Otras enfermedades de la médula espinal					1				1
64	Cerebral congestion and hemorrhage	Congestión y hemorragia cerebrales					7	7			14
65	Cerebral softening	Reblandecimiento cerebral									
66	Paralysis without apparent cause	Parálisis sin indicación de causa									
67	General paralysis	Parálisis generales					2	1			

25342——3

CAUSES OF DEATHS—Continued.

	Nomenclature Designed for the Statistics of Death.	Nomenclatura para las Estadísticas de Defunciones.	Americans. M.	Americans. F.	Foreigners. M.	Foreigners. F.	Filipinos. M.	Filipinos. F.	Chinese. M.	Chinese. F.	Total.
	II.—Diseases of the Nervous System and the Organs of Special Sense—Continued.	**II.—Enfermedades del Sistema Nervioso y de los Órganos de los Sentidos**—Continuación.									
68	Other forms of insanity	Otras formas de alineación mental									
69	Epilepsy	Epilepsia									
70	Eclampsia (nonpuerperal)	Eclampsia (no puerperal)					21	8			29
71	Convulsions of children	Convulsiones en los niños					193	155			348
72	Tetanus	Tétano					8	1			9
73	Chorea	Corea									
74	Other diseases of the nervous system	Otras enfermedades del sistema nervioso					2	1			3
75	Diseases of the eye and its adnexa	Enfermedades de ojos y sus anexos									
76	Diseases of the ear	Enfermedades de los oídos									
	III.	**III.**									
	Diseases of the Circulatory System.	**Enfermedades del Aparato Circulatorio.**									
77	Pericarditis	Pericarditis					1				1
78	Acute endocarditis	Endocarditis aguda			1		1				2
79	Organic disease of the heart	Enfermedades orgánicas del corazón	1				2	1	2		6
80	Angina pectoris	Angina de pecho					4	5			9
81	Affections of the arteries (atheroma, aneurism, etc.)	Afecciones de las arterias, etc				1	1				2
82	Embolus and thrombosis	Embolia y trombosis									
83	Affections of the veins (varices, hemorrhoides, phlebitis)	Afecciones de las venas									
84	Affections of the lymphatic system (lymphangitis, etc.)	Afecciones del sistema linfático									
85	Hemorrhages	Hemorragias									
86	Other affections of the circulatory system	Otras afecciones del aparato circulatorio									
	IV.	**IV.**									
	Diseases of the Respiratory System.	**Enfermedades del Aparato Respiratorio.**									
87	Diseases of the nasal fossæ	Enfermedades de las fosas nasales									
88	Affections of the larynx	Afecciones de la laringe						1			1
89	Affections of the thyroid body	Afecciones del cuerpo tiroideo									
90	Acute bronchitis	Bronquitis aguda					28	31			59
91	Chronic bronchitis	Bronquitis crónica					30	26	2		58
92	Broncho-pneumonia	Bronco-pneumonia					3	4			7
93	Pneumonia	Pneumonia					3	2	1		6
94	Pleurisy	Pleuresía									
95	Pulmonary congestion and apoplexy	Congestión apoplegía pulmonares					2	2			4
96	Gangrene of the lungs	Gangrena del pulmón					1				1
97	Asthma	Asma					1				1
98	Pulmonary emphysema	Enfisema pulmonar									
99	Other diseases of the respiratory system (phthisis excepted).	Otras enfermedades del aparato respiratorio (exceptuándose la tisis).									
	V.	**V.**									
	Diseases of Digestive System.	**Enfermedades del Aparato Digestivo.**									
100	Affections of the mouth and its adnexa	Afecciones de la boca y de sus anexos									
101	Affections of the pharynx	Afecciones de la faringe									
102	Affections of the esophagus	Afecciones del esófago							1		1
103	Ulcer of the stomach	Ulcera del estómago									
104	Other affections of the stomach (cancer excepted)	Otras afecciones del estómago (exceptuándose el cáncer).					1	2			3
105	Diarrhea and enteritis (under 2 years)	Diarrea y enteritis (en niños menores de 2 años)					7	10		1	18
105a	Chronic diarrhea and enteritis	Diarrea y enteritis crónica					29	32			61
106	Diarrhea and enteritis (2 years and over)	Diarrea y enteritis (en niños de 2 ó más años)						1			1
107	Intestinal parasites	Parásitos intestinales									
108	Hernias: Intestinal obstructions	Hernias; obstrucciones intestinales									
109	Other affections of the intestines	Otras afecciones del intestino						1			1
110	Acute yellow atrophy of the liver	Ictericia grave			1		1				2
111	Hydatid tumors of the liver	Tumores hidátidicos del hígado									
112	Cirrhosis of the liver	Cirrosis del hígado					1	1			2
113	Biliary calculi	Cálculos biliares									
114	Other affections of the liver	Otras afecciones del hígado									
115	Affections of the spleen	Afecciones del bazo					1				1
116	Simple peritonitis (puerperal excepted)	Peritonitis simple (exceptuándose la puerperal)					1	1			2
117	Other affections of the digestive system (cancer and tuberculosis excepted).	Otras afecciones del aparato digestivo (exceptuándose el cáncer y tuberculosis).									
118	Appendicitis and abscess of the iliac fossa	Apendicitis y filimón de la fosa iliaca					1				1
	VI.	**VI.**									
	Diseases of the Genito-Urinary System and its Adnexa.	**Enfermedades del Aparato Génito Urinario y de sus Anexos.**									
119	Acute nephritis	Nefritis aguda						4			4
120	Bright's disease	Mal de bright					4	6			10
121	Other diseases of the kidneys and their adnexa	Otras enfermedades de los riñones y de sus anexos									
122	Calculi of the urinary tract	Cálculos de las vías urinarias									
123	Diseases of the bladder	Enfermedades de la vegiga					1				1
124	Diseases of the urethra, urinary abscess, etc	Enfermedades de la uretra									
125	Diseases of the prostate	Enfermedades de la próstata									
126	Nonvenereal diseases of the male genital organs	Enfermedades no venereas de los órganos genitales del hombre.									
127	Metritis	Metritis						1			1
128	Uterine hemorrhage (nonpuerperal)	Hemorragia uterina (no puerperal)						1			1
129	Tumor, uterine (noncancerous)	Tumor uterino (no canceroso)									
130	Other diseases of the uterus	Otras enfermedades del útero									
131	Cysts and other tumors of the ovary	Quistes y otros tumores del ovario									
132	Other diseases of the female genital organs	Otras enfermedades de los órganos genitales de la mujer.									
133	Nonpuerperal diseases of the breast (cancer excepted)	Enfermedades no puerperales de la mama (exceptuándose el cáncer).									

CAUSES OF DEATHS—Continued.

	Nomenclature Designed for the Statistics of Death.	Nomenclatura para las Estadísticas de Defunciones.	Americans. M.	Americans. F.	Foreigners. M.	Foreigners. F.	Filipinos. M.	Filipinos. F.	Chinese. M.	Chinese. F.	Total.
	VII.	**VII.**									
	The Puerperal State.	**Estado Puerperal.**									
134	Accidents of pregnancy	Accidentes de la preñez									
135	Puerperal hemorrhage	Hemorragia puerperal						2			2
136	Other accidents of labor	Otros accidentes del parto									
137	Puerperal septicæmia	Septicemia puerperal						7			7
138	Albuminuria and puerperal eclampsia	Albuminuria y eclampsia puerperales						1			1
139	Puerperal phlegmasia alba dolens	Flegmasia alba dolens puerperal									
140	Other puerperal accidents—sudden death	Otros accidentes puerperales—muerte repentina									
141	Puerperal diseases of the breast	Enfermedades puerperales de la mama									
	VIII.	**VIII.**									
	Diseases of the Skin and Cellular Tissue.	**Enfermedades de la Piel y del Tejido Celular.**									
142	Gangrene	Gangrena									
143	Furuncle	Forúnculo									
144	Warm-acute abscess	Abscesos calientes agudos						1			1
145	Other diseases of the skin and its adnexa	Otras enfermedades de la piel									
	IX.	**IX.**									
	Diseases of the Organs of Locomotion.	**Enfermedades de los Órganos de la Locomoción.**									
146	Affections of the bones (nontuberculous)	Afecciones de los huesos (exceptuando la tuberculosis)									
147	Diseases of the joints (tuberculosis and rheumatism excepted).	Afecciones de las articulaciones (exceptuando la tuberculosis y el reumatismo).									
148	Amputation	Amputación									
149	Other affections of the organs of locomotion	Otras afecciones de los órganos de la locomoción									
	X.	**X.**									
	Malformations.	**Vicios de Conformación.**									
150	Congenital malformations (stillbirths excepted)	Vicios de conformación congénitos (exceptuándose los de niños nacidos muertos).									
	XI.	**XI.**									
	Early Infancy.	**Primera Infancia.**									
151	Congenital debility, icterus and sclerema	Debilidad congénita, ictericia y esclerema					28	25			53
152	Other special diseases of early infancy	Otras enfermedades especiales de la primera edad						1			1
153	Lack of care	Falta de cuidados									
	XII.	**XII.**									
	Old Age.	**Vejez.**									
154	Senile debility	Debilidad senil					6	9			15
	XIII.	**XIII.**									
	Affections Produced by External Causes.	**Afecciones Producidas por Causas Exteriores.**									
155	Suicide by poison	Suicidio por envenenamiento									
156	Suicide by asphyxia	Suicidio por asfixia									
157	Suicide by hanging or strangulation	Suicidio por suspensión ó por estrangulación									
158	Suicide by submersion	Suicidio por submersión									
159	Suicide by firearms	Suicidio por armas de fuego					1				1
160	Suicide by cutting instruments	Suicidio por instrumentos cortantes						1			1
161	Suicide by jumping from high place	Suicidio por dejarse caer desde un punto elevado									
162	Suicide by crushing	Suicidio por aplastamiento									
163	Other suicides	Otros suicidios									
164	Fractures	Fracturas					1				1
165	Dislocations	Luxaciones									
166	Other accidental traumatisms	Otros traumatismos accidentales	2				2				4
167	Burns	Quemaduras por el fuego									
168	Burning by corrosive substances	Quemaduras por substancias corrosivas									
169	Insolation	Insolación									
170	Freezing	Congelación									
171	Electrical shocks	Conmoción eléctrica									
172	Accidental submersion	Submersión accidental									
173	Inanition	Inanición									
174	Inhalation of deleterious gases (suicide excepted)	Absorción de gases deletéreos									
175	Other acute poisonings	Otros envenenamientos agudos									
176	Other external violence	Otras violencias exteriores						1			1
	XIV.	**XIV.**									
	Ill-Defined Diseases.	**Enfermedades mal Definidas.**									
177	Dropsy	Hidropesía									
178	Sudden death	Muerte repentina									
179	Unspecified or ill-defined causes of death	Causas de muerte no especificadas ó mal definidas						1			1
	Total		3	1	4	1	524	455	29	1	1018
	Grand total		4		5		979		30		1018

NUMBER OF DEATHS, WITH CAUSES, OCCURRING AMONG TRANSIENTS IN MANILA.

[These deaths are not included in preparing death rate of city.]

	Causes of Deaths.	Causas de Muerte.	Americans.		Foreigners.		Filipinos.		Chinese.		Total.
			M.	F.	M.	F.	M.	F.	M.	F.	
	I.	**I.**									
	General Diseases.	**Enfermedades Generales.**									
1	Typhoid fever (abdominal typhus)	Tifoidea (tifus abdominal)	1				2	1			4
4	Intermittent fever and malarial cachexia	Fiebre intermitente y palúdica caquexia					1				1
14	Dysentery	Disenteria					2	1			3
19	Other epidemic affections (beri-beri)	Otras afecciones epidémicas (beri-beri)					2	2	4		8
20	Purulent infection and septicæmia	Infeccion purulenta y septicemia									
26	Tuberculosis of larynx	Tuberculosis de la laringe					2				2
27	Tuberculosis of lungs	Tuberculosis del pulmón					10	1		1	12
29	Tuberculosis of abdomen	Tuberculosis abdominal									
34	Generalized tuberculosis	Tuberculosis generalizada					1				1
48	Chronic rheumatism and gout	Reumatismo crónico y gota									
54	Anæmia chlorosis	Anemia clorosis					1				1
	II.	**II.**									
	Diseases of the Nervous System and the Organs of Special Sense.	**Enfermedades del Sistema Nervioso y Otros Organos del Sentido Especial.**									
61	Meningitis, simple	Meningitis simple				1	2	3			6
64	Cerebral congestion and hemorrhage	Congestión y hemorragia cerebrales					1				1
71	Convulsions of children	Convulsiones en los niños					5	1			6
74	Other diseases of the nervous system	Otras enfermedades del sistema nervioso						1			1
	III.	**III.**									
	Diseases of the Circulatory System.	**Enfermedades del Aparato Circulatorio.**									
79	Organic disease of the heart	Enfermedades orgánicas del corazón						1			1
80	Angina pectoris	Angina de pecho					1	1			2
	IV.	**IV.**									
	Diseases of the Respiratory System.	**Enfermedades del Sistema Respiratorio.**									
88	Affections of the larynx	Afecciones de la laringe									
91	Chronic bronchitis	Bronquitis crónica					1	2			3
92	Broncho-pneumonia	Bronco-pneumonia						1			1
93	Pneumonia	Pneumonia					6				6
	V.	**V.**									
	Diseases of Digestive System.	**Enfermedades del Aparato Digestivo.**									
104	Other affections of the stomach (cancer excepted)	Otras afecciones del estómago (exceptuando el cancer)									
105	Diarrhea and enteritis (under 2 years)	Diarrea y enteritis (en niños menores de 2 años						1			1
105a	Diarrhea and enteritis, chronic	Diarrea y enteritis crónica					1	1			2
106	Diarrhea and enteritis (2 years and over)	Diarrea y enteritis (en niños de 2 ó más años)					1				1
116	Simple peritonitis (puerperal excepted)	Peritonitis simple (excepto puerperal)					1				1
	VI.	**VI.**									
	Diseases of the Genito-Urinary System and its Adnexa.	**Enfermedades del Aparato Génito Urinario y sus Anexos.**									
119	Acute nephritis	Nefritis aguda					1	1	1		3
120	Bright's disease	Enfermedades de Bright					2	1			3
121	Other diseases of the kidneys and their adnexa	Otras enfermedades de los riñones y sus anexos					1				1
131	Cysts and other tumors of the ovary	Quistes y otros tumures del ovario						1			1
	VII.	**VII.**									
	The Puerperal State.	**Estado Puerperal.**									
138	Albuminuria and puerperal eclampsia	Albumimuria y eclampsia puerperal						1			1
	XII.	**XII.**									
	Old Age.	**Vejez.**									
154	Senile debility	Debilidad senile						2			2
	XIII.	**XIII.**									
	Affections Produced by External Causes.	**Afecciones Producidas por Causas Externas.**									
167	Burns	Quemadura, escaldado									
172	Accidental submersion	Submersion accidental									
	XIV.	**XIV.**									
	Ill-Defined Diseases.	**Enfermedades mal definidas.**									
179	Unspecified or ill-defined causes of death	Causas de muerte no especificadas ó mal definidas									
	Total		1			1	44	23	5	1	75
	Grand total		1		1		67		6		75

NUMBER OF DEATHS BY RACE, SEX, AND AGE (TRANSIENTS INCLUDED).

CAUSE OF DEATH.	Less than one day to thirty days.								From thirty days to one year.								From one to five years.								From five to ten years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F	M.	F.
I. General Diseases.																																
1. Typhoid fever (abdominal typhus)																						2							1	2		
2. Exanthematic typhus																																
3. Recurrent fever																																
4. Intermittent fever and malarial cachexia														1								1										
4a. Malarial cachexia																																
5. Variola																					1	1										
6. Measles																																
7. Scarlatina																																
8. Whooping cough																																
9. Diphtheria and croup																																
9a. Diphtheria																														1		
10. Grippe																																
11. Miliary fever																																
12. Asiatic cholera																																
13. Cholera nostras																																
14. Dysentery																					2	2								1		
14a. Epidemic dysentery																																
15. Plague																																
16. Yellow fever																																
17. Leprosy																																
18. Erysipelas																						1										
19. Other epidemic affections													2								2											
20. Purulent infection and septicæmia																																
21. Glanders and farcy																																
22. Malignant pustule and anthrax																																
23. Rabies																																
24. Actinomycosis, trichinosis, etc																																
25. Pellagra																																
26. Tuberculosis of larynx																																
27. Tuberculosis of lungs																						3										
28. Tuberculosis of meninges													1								2											
29. Tuberculosis of abdomen																													1	1		
30. Pott's disease																																
31. Cold abscess and abscess by congestion																																
32. White swellings																																
33. Tuberculosis of other organs																																
34. Generalized tuberculosis																																
35. Scrofula																																
36. Syphilis																																
37. Gonorrhea of the adult																																
38. Gonococcic infections of children																																
39. Cancer and other malignant tumors of the buccal cavity																																
40. Cancer and other malignant tumors of the stomach and liver																																
41. Cancer and other malignant tumors of peritoneum, intestines, and rectum																																
42. Cancer and other malignant tumors of the female genitals																																
43. Cancer and other malignant tumors of the breast																																
44. Cancer and other malignant tumors of the skin																																
45. Cancer and other malignant tumors of other organs and organs not specified																																
46. Other tumors (tumors of the female genitals excepted)													1																			
47. Acute articular rheumatism																																
48. Chronic rheumatism and gout																																
49. Scurvy																																
50. Diabetes																																
51. Exophthalmic goiter																																
52. Addison's disease																																
53. Leukæmia																																
54. Anæmia, chlorosis																					1											
55. Other general diseases																																
56. Acute alcoholism or chronic																																
57. Lead poisoning																																
58. Other poisonings incident to occupations																																
59. Other chronic poisonings																																
II. Diseases of the Nervous System and the Organs of Special Sense.																																
60. Encephalitis																																
61. Simple meningitis					2	1							1	21	13						6	4							1			
61a. Epidemic cerebro-spinal meningitis																																
62. Progressive locomotor ataxia																																
63. Other diseases of the spinal cord																																
64. Cerebral congestion and hemorrhage																																
65. Cerebral softening																																
66. Paralysis without apparent cause																																
67. General paralysis																																
68. Other forms of insanity																																
69. Epilepsy																																
70. Eclampsia (nonpuerperal)					1	1								20	7																	
71. Convulsions of children					53	25								144	130						1	1										
72. Tetanus					8	1																										
73. Chorea																																

NUMBER OF DEATHS BY RACE, SEX, AND AGE, ETC.—Continued.

CAUSE OF DEATH.	Less than one day to thirty days.				From thirty days to one year.				From one to five years.				From five to ten years.			
	A.	E.	F.	C.	A.	E.	F.	C.	A.	E.	F.	C.	A.	E.	F.	C.
	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.
II.—Continued.																
Diseases of the Nervous System and the Organs of Special Sense—Continued.																
74. Other diseases of the nervous system			2				1								1	
75. Diseases of the eye and its adnexa																
76. Diseases of the ear																
III.																
Diseases of the Circulatory System.																
77. Pericarditis																
78. Acute endocarditis																
79. Organic disease of the heart																
80. Angina pectoris																
81. Affections of the arteries (atheroma, aneurism, etc.)																
82. Embolus and thrombosis																
83. Affections of the veins (varices, hemorrhoides, phlebitis)																
84. Affections of the lymphatic system (lymphangitis, etc.)																
85. Hemorrhages																
86. Other affections of the circulatory system																
IV.																
Diseases of the Respiratory System.																
87. Diseases of the nasal fossæ																
88. Affections of the larynx							1									
89. Affections of the thyroid body																
90. Acute bronchitis			1	3			24	24			3	4				
91. Chronic bronchitis							24	22			3	6				
92. Broncho-pneumonia							3	4								
93. Pneumonia																
94. Pleurisy																
95. Pulmonary congestion and apoplexy			2					1								
96. Gangrene of the lungs																
97. Asthma																
98. Pulmonary emphysema																
99. Other diseases of the respiratory system (phthisis excepted)																
V.																
Diseases of the Digestive System.																
100. Affections of the mouth and its adnexa																
101. Affections of the pharynx																
102. Affections of the esophagus																
103. Ulcer of the stomach																
104. Other affections of the stomach (cancer excepted							1	2								
105. Diarrhea and enteritis (under 2 years)			1	1		1	5	7				3			1	
105a. Chronic diarrhea and enteritis							9	10			15	19				
106. Diarrhea and enteritis (2 years and over)											1					
107. Intestinal parasites																
108. Hernias: Intestinal obstructions																
109. Other affections of the intestines																
110. Acute yellow atrophy of the liver																
111. Hydatid tumors of the liver																
112. Cirrhosis of the liver																
113. Biliary calculi																
114. Other affections of the liver																
115. Affections of the spleen																
116. Simple peritonitis (puerperal excepted)			1													
117. Other affections of the digestive system (cancer and tuberculosis excepted)																
118. Appendicitis and abscess of the iliac fossa																
VI.																
Diseases of the Genito-Urinary System and its Adnexa.																
119. Acute nephritis								2				1				
120. Bright's disease							2				1					
121. Other diseases of the kidneys and their adnexa																
122. Calculi of the urinary tract																
123. Diseases of the bladder																
124. Diseases of the urethra, urinary abscess, etc.																
125. Diseases of the prostate																
126. Nonvenereal diseases of the male genital organs																
127. Metritis																
128. Uterine hemorrhage (nonpuerperal)																
129. Tumor, uterine (noncancerous)																
130. Other diseases of the uterus																
131. Cysts and other tumors of the ovary																
132. Other diseases of the female genital organs																
133. Nonpuerperal diseases of the breast (cancer excepted)																

NUMBER OF DEATHS BY RACE, SEX, AND AGE, ETC.—Continued.

CAUSE OF DEATH.	Less than one day to thirty days.				From thirty days to one year.				From one to five years.				From five to ten years.			
	A.	E.	F.	C.	A.	E.	F.	C.	A.	E.	F.	C.	A.	E.	F.	C.
	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.
VII.																
The Puerperal State.																
134. Accidents of pregnancy																
135. Puerperal hemorrhage																
136. Other accidents of labor																
137. Puerperal septicæmia																
138. Albuminuria and puerperal eclampsia																
139. Puerperal phlegmasia—alba dolens																
140. Other puerperal accidents—sudden death																
141. Puerperal diseases of the breast																
VIII.																
Diseases of the Skin and Cellular Tissue.																
142. Gangrene																
143. Furuncle																
144. Warm-acute abscess																
145. Other diseases of the skin and its adnexa																
IX.																
Diseases of the Organs of Locomotion.																
146. Affections of the bones (nontuberculous)																
147. Diseases of the joints (tuberculosis and rheumatism excepted)																
148. Amputation																
149. Other affections of the organs of locomotion																
X.																
Malformations.																
150. Congenital malformations (stillbirths excepted)																
XI.																
Early Infancy.																
151. Congenital debility, icterus and sclerema			27 23				1 2									
152. Other special diseases of early infancy							1									
153. Lack of care																
XII.																
Old age.																
154. Senile debility																
XIII.																
Affections Produced by External Causes.																
155. Suicide by poison																
156. Suicide by asphyxia																
157. Suicide by hanging or strangulation																
158. Suicide by submersion																
159. Suicide by firearms																
160. Suicide by cutting instruments																
161. Suicide by jumping from high place																
162. Suicide by crushing																
163. Other suicides																
164. Fractures																
165. Dislocations																
166. Other accidental traumatisms							1									
167. Burns																
168. Burning by corrosive substances																
169. Insolation																
170. Freezing																
171. Electrical shocks																
172. Accidental submersion																
173. Inanition																
174. Inhalation of deleterious gases (suicide excepted)																
175. Other acute poisonings																
176. Other external violence																
XIV.																
Ill-Defined Diseases.																
177. Dropsy																
178. Sudden death																
179. Unspecified or ill-defined causes of death															1	
Total			98 55	1		1	259 228				38 48				4 7	
Grand total			153	1		1	487				86				11	

NUMBER OF DEATHS BY RACE, SEX, AND AGE, ETC.—Continued.

CAUSE OF DEATH.	From ten to fifteen years								From fifteen to twenty years.								From twenty to twenty-five years.								From twenty-five to thirty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
I.																																
General Diseases.																																
1. Typhoid fever (abdominal typhus)					1								3		4	1					4				1				1			
2. Exanthematic typhus																																
3. Recurrent fever																																
4. Intermittent fever and malarial cachexia													2								2								1			
4a. Malarial cachexia																																
5. Variola																																
6. Measles																																
7. Scarlatina																																
8. Whooping cough																																
9. Diphtheria and croup																																
9a. Diphtheria																																
10. Grippe																																
11. Miliary fever																																
12. Asiatic cholera																																
13. Cholera nostras																																
14. Dysentery															1						1										1	
14a. Epidemic dysentery																																
15. Plague																																
16 Yellow fever																																
17. Leprosy																													1			
18. Erysipelas																																
19. Other epidemic affections					1	1							2		2	4					3	4	1						4		4	3
20. Purulent infection and septicæmia																																
21. Glanders and farcy																																
22. Malignant pustule and anthrax																																
23. Rabies																																
24. Actinomycosis, trichinosis, etc																																
25. Pellagra																																
26. Tuberculosis of larynx						1																							1		2	
27. Tuberculosis of lungs						1							1								5	2	1						15		11	3
28. Tuberculosis of meninges																																
29. Tuberculosis of abdomen																													1			
30. Pott's disease																																
31. Cold abscess and abscess by congestion																																
32. White swellings																																
33. Tuberculosis of other organs																																
34. Generalized tuberculosis																																
35. Scrofula																																
36. Syphilis																							1									1
37. Gonorrhea of the adult																																
38. Gonococcic infections of children																																
39. Cancer and other malignant tumors of the buccal cavity																																
40. Cancer and other malignant tumors of the stomach and liver													1																			
41. Cancer and other malignant tumors of peritoneum, intestines, and rectum																																
42. Cancer and other malignant tumors of the female genitals																																
43. Cancer and other malignant tumors of the breast																																
44. Cancer and other malignant tumors of the skin																																
45. Cancer and other malignant tumors of other organs and organs not specified																																
46. Other tumors (tumors of the female genitals excepted)																																
47 Acute articular rheumatism																																
48. Chronic rheumatism and gout																																
49. Scurvy																																
50 Diabetes											1																					
51 Exophthalmic, goiter																																
52. Addison's disease																																
53. Leukæmia																																
54. Anæmia, chlorosis																																
55. Other general diseases																																
56. Acute alcoholism or chronic																																
57. Lead-poisoning																																
58. Other poisonings incident to occupations																																
59. Other chronic poisonings																																
II.																																
Diseases of the Nervous System and the Organs of Special Sense.																																
60. Encephalitis																																
61. Simple meningitis																																
61a. Epidemic cerebro-spinal meningitis																																
62. Progressive locomotor ataxia																															1	
63. Other diseases of the spinal cord																																
64. Cerebral congestion and hemorrhage																																
65. Cerebral softening																																
66 Paralysis without apparent cause																																
67. General paralysis																					1											
68. Other forms of insanity																																
69. Epilepsy																																
70. Eclampsia (nonpuerperal)																																
71. Convulsions of children																																
72. Tetanus																																
73. Chorea																																

NUMBER OF DEATHS BY RACE, SEX, AND AGE, ETC.—Continued.

CAUSE OF DEATH.	From ten to fifteen years.								From fifteen to twenty years.								From twenty to twenty-five years.								From twenty-five to thirty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
II.—Continued.																																
Diseases of the Nervous System and the Organs of Special Sense—Continued.																																
74. Other diseases of the nervous system																																
75. Diseases of the eye and its adnexa																																
76. Diseases of the ear																																
III.																																
Diseases of the Circulatory System.																																
77. Pericarditis																																
78. Acute endocarditis													1																			
79. Organic disease of the heart													1										1									
80. Angina pectoris													1									2							1	1		
81. Affections of the arteries (atheroma, aneurism, etc.)																																
82. Embolus and thrombosis																																
83. Affections of the veins (varices, hemorrhoides, phlebitis)																																
84. Affections of the lymphatic system (lymphangitis, etc.)																																
85. Hemorrhages																																
86. Other affections of the circulatory system																																
IV.																																
Diseases of the Respiratory System.																																
87. Diseases of the nasal fossæ																																
88. Affections of the larynx																																
89. Affections of the thyroid body																																
90. Acute bronchitis																																
91. Chronic bronchitis													1																1			
92. Broncho-pneumonia																																
93. Pneumonia							1						1								2								2		1	
94. Pleurisy																																
95. Pulmonary congestion and apoplexy														1																		
96. Gangrene of the lungs																					1											
97. Asthma																																
98. Pulmonary emphysema																																
99. Other diseases of the respiratory system (phthisis excepted)																																
V.																																
Diseases of the Digestive System.																																
100. Affections of the mouth and its adnexa																																
101. Affections of the pharynx																																
102. Affections of the esophagus																																
103. Ulcer of the stomach																																
104. Other affections of the stomach (cancer excepted)																																
105. Diarrhea and enteritis (under 2 years)																																
105a. Chronic diarrhea and enteritis					1																								2	1		
106. Diarrhea and enteritis (2 years and over)																																
107. Intestinal parasites																																
108. Hernias: Intestinal obstructions																																
109. Other affections of the intestines																																
110. Acute yellow atrophy of the liver																																
111. Hydatid tumors of the liver																																
112. Cirrhosis of the liver													1																			
113. Biliary calculi																																
114. Other affections of the liver																																
115. Affections of the spleen					1																											
116. Simple peritonitis (puerperal excepted)																					1	1										
117. Other affections of the digestive system (cancer and tuberculosis excepted)																																
118. Appendicitis and abscess of the iliac fossa																																
VI.																																
Diseases of the Genito-Urinary System and its Adnexa.																																
119. Acute nephritis																						1	1							1		
120. Bright's disease																					1									1		
121. Other diseases of the kidneys and their adnexa																																
122. Calculi of the urinary tract																																
123. Diseases of the bladder													1																			
124. Diseases of the urethra, urinary abscess, etc																																
125. Diseases of the prostate																																
126. Nonvenereal diseases of the male genital organs																																
127. Metritis														1																		
128. Uterine hemorrhage (nonpuerperal)																																
129. Tumor, uterine (noncancerous)																																
130. Other diseases of the uterus																																
131. Cysts and other tumors of the ovary																																
132. Other diseases of the female genital organs																																
133. Nonpuerperal diseases of the breast (cancer excepted)																																

NUMBER OF DEATHS BY RACE, SEX, AND AGE, ETC.—Continued.

CAUSE OF DEATH.	From ten to fifteen years.								From fifteen to twenty years.								From twenty to twenty-five years.								From twenty-five to thirty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
VII. The Puerperal State.																																
134. Accidents of pregnancy																																
135. Puerperal hemorrhage																																
136. Other accidents of labor																														2		
137. Puerperal septicæmia														3								2								2		
138. Albuminuria and puerperal eclampsia																														1		
139. Puerperal phlegmasia—alba dolens																																
140. Other puerperal accidents—sudden death																																
141. Puerperal diseases of the breast																																
VIII. Diseases of the Skin and Cellular Tissue.																																
142. Gangrene																																
143. Furuncle																																
144. Warm-acute abscess																																
145. Other diseases of the skin and its adnexa																																
IX. Diseases of the Organs of Locomotion.																																
146. Affections of the bones (nontuberculous)																																
147. Diseases of the joints (tuberculosis and rheumatism excepted)																																
148. Amputation																																
149. Other affections of the organs of locomotion																																
X. Malformations.																																
150. Congenital malformations (stillbirths excepted)																																
XI. Early Infancy.																																
151. Congenital debility, icterus and sclerema																																
152. Other special diseases of early infancy																																
153. Lack of care																																
XII. Old age.																																
154. Senile debility																																
XIII. Affections Produced by External Causes.																																
155. Suicide by poison																																
156. Suicide by asphyxia																																
157. Suicide by hanging or strangulation																																
158. Suicide by submersion																																
159. Suicide by firearms																																
160. Suicide by cutting instruments																																
161. Suicide by jumping from high place																																
162. Suicide by crushing																																
163. Other suicides																																
164. Fractures																																
165. Dislocations																																
166. Other accidental traumatisms													1				1															
167. Burns																																
168. Burning by corrosive substances																																
169. Insolation																																
170. Freezing																																
171. Electrical shocks																																
172. Accidental submersion																																
173. Inanition																																
174. Inhalation of deleterious gases (suicide excepted)																																
175. Other acute poisonings																																
176. Other external violence																																
XIV. Ill-Defined Diseases.																																
177. Dropsy																																
178. Sudden death																																
179. Unspecified or ill-defined causes of death																																
Total					4	4				1			17	12	5		1				21	12	5		1				30	28	8	
Grand total					8					1			29		5		1				33		5		1				58		8	

NUMBER OF DEATHS BY RACE, SEX, AND AGE, ETC.—Continued.

CAUSE OF DEATH.	From thirty to thirty-five years.								From thirty-five to forty years.								From forty to forty-five years.								From forty-five to fifty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
I. General Diseases.																																
1. Typhoid fever (abdominal typhus)						1																										
2. Exanthematic typhus																																
3. Recurrent fever																																
4. Intermittent fever and malarial cachexia																													1			
4a. Malarial cachexia																																
5. Variola																																
6. Measles																																
7. Scarlatina																																
8. Whooping cough																																
9. Diphtheria and croup																																
9a. Diphtheria																																
10. Grippe																																
11. Miliary fever																																
12. Asiatic cholera																																
13. Cholera nostras																																
14. Dysentery							3						2										1							1		
14a. Epidemic dysentery																																
15. Plague																																
16. Yellow fever																																
17. Leprosy																													1			
18. Erysipelas																																
19. Other epidemic affections							1						1		1																	
20. Purulent infection and septicæmia																																
21. Glanders and farcy																																
22. Malignant pustule and anthrax																													1			
23. Rabies																																
24. Actinomycosis, trichinosis, etc																																
25. Pellagra																																
26. Tuberculosis of larynx					1									1																		
27. Tuberculosis of lungs					3	4	1	1					11	10	2						2	3							4	2	2	
28. Tuberculosis of meninges																																
29. Tuberculosis of abdomen					1																											
30. Pott's disease																																
31. Cold abscess and abscess by congestion																																
32. White swellings																																
33. Tuberculosis of other organs																																
34. Generalized tuberculosis					1																											
35. Scrofula																																
36. Syphilis																																
37. Gonorrhea of the adult																																
38. Gonococcic infections of children																																
39. Cancer and other malignant tumors of the buccal cavity																																
40. Cancer and other malignant tumors of the stomach and liver																																
41. Cancer and other malignant tumors of peritoneum, intestines, and rectum																													1			
42. Cancer and other malignant tumors of the female genitals																																
43. Cancer and other malignant tumors of the breast																																
44. Cancer and other malignant tumors of the skin																																
45. Cancer and other malignant tumors of other organs and organs not specified																																
46. Other tumors (tumors of the female genitals excepted)																																
47. Acute articular rheumatism					1								1																			
48. Chronic rheumatism and gout																														2		
49. Scurvy																																
50. Diabetes																													1			
51. Exophthalmic goiter																																
52. Addison's disease																																
53. Leukæmia																																
54. Anæmia, chlorosis						1																										
55. Other general diseases																																
56. Acute alcoholism or chronic																																
57. Lead poisoning																																
58. Other poisonings incident to occupations																																
59. Other chronic poisonings															1																	
II. Diseases of the Nervous System and the Organs of Special Sense.																																
60. Encephalitis																																
61. Simple meningitis																														1		
61a. Epidemic cerebro-spinal meningitis																																
62. Progressive locomotor ataxia																																
63. Other diseases of the spinal cord					1																											
64. Cerebral congestion and hemorrhage													1								1								1	2		
65. Cerebral softening																																
66. Paralysis without apparent cause																																
67. General paralysis																														1		
68. Other forms of insanity																																
69. Epilepsy																																
70. Eclampsia (nonpuerperal)																																
71. Convulsions of children																																
72. Tetanus																																
73. Chorea																																

NUMBER OF DEATHS BY RACE, SEX, AND AGE, ETC.—Continued.

CAUSE OF DEATH.	From thirty to thirty-five years.								From thirty-five to forty years.								From forty to forty-five years.								From forty-five to fifty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
II.—Continued.																																
Diseases of the Nervous System and the Organs of Special Sense—Continued.																																
74. Other diseases of the nervous system																																
75. Diseases of the eye and its adnexa																																
76. Diseases of the ear																																
III.																																
Diseases of the Circulatory System.																																
77. Pericarditis																																
78. Acute endocarditis																																
79. Organic disease of the heart					1				1					1	1																	
80. Angina pectoris						2																2										
81. Affections of the arteries (atheroma, aneurism, etc.)																																
82. Embolus and thrombosis																																
83. Affections of the veins (varices, hemorrhoides, phlebitis)																																
84. Affections of the lymphatic system (lymphangitis, etc.)																																
85. Hemorrhages																																
86. Other affections of the circulatory system																																
IV.																																
Diseases of the Respiratory System.																																
87. Diseases of the nasal fossæ																																
88. Affections of the larynx																																
89. Affections of the thyroid body																																
90. Acute bronchitis																																
91. Chronic bronchitis																						1									1	
92. Broncho-pneumonia																																
93. Pneumonia					1																	1							1			
94. Pleurisy																																
95. Pulmonary congestion and apoplexy																																
96. Gangrene of the lungs																																
97. Asthma																																
98. Pulmonary emphysema																																
99. Other diseases of the respiratory system (phthisis excepted)																																
V.																																
Diseases of the Digestive System.																																
100. Affections of the mouth and its adnexa																																
101. Affections of the pharynx																																
102. Affections of the esophagus																																
103. Ulcer of the stomach																																
104. Other affections of the stomach (cancer excepted)																																
105. Diarrhea and enteritis (under 2 years)																																
105a. Chronic diarrhea and enteritis																																
106. Diarrhea and enteritis (2 years and over)																																
107. Intestinal parasites																																
108. Hernias: Intestinal obstructions																																
109. Other affections of the intestines																																
110. Acute yellow atrophy of the liver											1																					
111. Hydatid tumors of the liver																																
112. Cirrhosis of the liver																																
113. Biliary calculi																																
114. Other affections of the liver																																
115. Affections of the spleen																																
116. Simple peritonitis (puerperal excepted)																																
117. Other affections of the digestive system (cancer and tuberculosis excepted)																																
118. Appendicitis and abscess of the iliac fossa													1																			
VI.																																
Diseases of the Genito-Urinary System and its Adnexa.																																
119. Acute nephritis																																
120. Bright's disease																							1									
121. Other diseases of the kidneys and their adnexa																						1										
122. Calculi of the urinary tract																																
123. Diseases of the bladder																																
124. Diseases of the urethra, urinary abscess, etc																																
125. Diseases of the prostate																																
126. Nonvenereal diseases of the male genital organs																																
127. Metritis																																
128. Uterine hemorrhage (nonpuerperal)						1																										
129. Tumor, uterine (noncancerous)																																
130. Other diseases of the uterus																																
131. Cysts and other tumors of the ovary																							1									
132. Other diseases of the female genital organs																																
133. Nonpuerperal diseases of the breast (cancer excepted)																																

NUMBER OF DEATHS BY RACE, SEX, AND AGE, ETC.—Continued.

CAUSE OF DEATH.	From thirty to thirty-five years.								From thirty-five to forty years.								From forty to forty-five years.								From forty-five to fifty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	.
VII. The Puerperal State.																																
134. Accidents of pregnancy																																
135. Puerperal hemorrhage																																
136. Other accidents of labor																																
137. Puerperal septicæmia																																
138. Albuminuria and puerperal eclampsia					1																											
139. Puerperal phlegmasia—alba dolens																																
140. Other puerperal accidents—sudden death																																
141. Puerperal diseases of the breast																																
VIII. Diseases of the Skin and Cellular Tissue.																																
142. Gangrene																																
143. Furuncle																																
144. Warm-acute abscess																																
145. Other diseases of the skin and its adnexa																																
IX. Diseases of the Organs of Locomotion.																																
146. Affections of the bones (nontuberculous)																																
147. Diseases of the joints (tuberculosis and rheumatism excepted)																																
148. Amputation																																
149. Other affections of the organs of locomotion																																
X. Malformations.																																
150. Congenital malformations (stillbirths excepted)																																
XI. Early Infancy.																																
151. Congenital debility, icterus and sclerema																																
152. Other special diseases of early infancy																																
153. Lack of care																																
XII. Old Age.																																
154. Senile debility																																
XIII. Affections Produced by External Causes.																																
155. Suicide by poison																																
156. Suicide by asphyxia																																
157. Suicide by hanging or strangulation																																
158. Suicide by submersion																																
159. Suicide by firearms																																
160. Suicide by cutting instruments																																
161. Suicide by jumping from high place																																
162. Suicide by crushing																																
163. Other suicides																																
164. Fractures																					1											
165. Dislocations																																
166. Other accidental traumatisms	1																															
167. Burns																																
168. Burning by corrosive substances																																
169. Insolation																																
170. Freezing																																
171. Electrical shocks																																
172. Accidental submersion																																
173. Inanition																																
174. Inhalation of deleterious gases (suicide excepted)																																
175. Other acute poisonings																																
176. Other external violence																																
XIV. Ill-Defined Diseases.																																
177. Dropsy																																
178. Sudden death																																
179. Unspecified or ill-defined causes of death																																
Total	1				10	11	5	1	1		1		18	12	5						9	6							11	9	3	
Grand total	1				21		6		1		1		30		5						15								20		3	

NUMBER OF DEATHS BY RACE, SEX, AND AGE, ETC.—Continued.

CAUSE OF DEATH.	From fifty upward.								Unknown.								Total.								Grand total.
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
I.																									
General Diseases.																									
1. Typhoid fever (abdominal typhus)																	1				10	9	1		21
2. Exanthematic typhus																									
3. Recurrent fever																									
4. Intermittent fever and malarial cachexia					1																7	2			9
4a. Malarial cachexia																					1	1			2
5. Variola																					1	1			2
6. Measles																									
7. Scarlatina																									
8. Whooping cough																									
9. Diphtheria and croup																									
9a. Diphtheria																						1			1
10. Grippe																									
11. Miliary fever																									
12. Asiatic cholera																									
13. Cholera nostras																									
14. Dysentery					5	3															10	10	3		23
14a. Epidemic dysentery																									
15. Plague																									
16. Yellow fever																									
17. Leprosy					1	1															3	1			4
18. Erysipelas																						1			1
19. Other epidemic affections					1																16	11	10		37
20. Purulent infection and septicæmia						1																1			1
21. Glanders and farcy																									
22. Malignant pustule and anthrax																					1				1
23. Rabies																									
24. Actinomycosis, trichinosis, etc																									
25. Pellagra																									
26. Tuberculosis of larynx																					2	4			6
27. Tuberculosis of lungs			1		13	3	1						1						1		55	39	10	1	106
28. Tuberculosis of meninges																					3				3
29. Tuberculosis of abdomen			1		1	1													1		4	2			7
30. Pott's disease																									
31. Cold abscess and abscess by congestion																									
32. White swellings																									
33. Tuberculosis of other organs																									
34. Generalized tuberculosis																					1				1
35. Scrofula																									
36. Syphilis																							2		2
37. Gonorrhea of the adult																									
38. Gonococcic infections of children																									
39. Cancer and other malignant tumors of the buccal cavity																									
40. Cancer and other malignant tumors of the stomach and liver																					1				1
41. Cancer and other malignant tumors of peritoneum, intestines, and rectum																					1				1
42. Cancer and other malignant tumors of the female genitals						2																2			2
43. Cancer and other malignant tumors of the breast																									
44. Cancer and other malignant tumors of the skin																									
45. Cancer and other malignant tumors of other organs and organs not specified																									
46. Other tumors (tumors of the female genitals excepted)																					1				1
47. Acute articular rheumatism																					2				2
48. Chronic rheumatism and gout						1																3			3
49. Scurvy																									
50. Diabetes																	1				1				2
51. Exophthalmic goiter																									
52. Addisson's disease																									
53. Leukæmia																									
54. Anæmia, chlorosis																					1	1			2
55. Other general diseases																									
56. Acute alcoholism or chronic																									
57. Lead poisoning																									
58. Other poisonings incident to occupations																									
59. Other chronic poisonings																							1		1
II.																									
Diseases of the Nervous System and the Organs of Special Sense.)																									
60. Encephalitis																									
61. Simple meningitis																			1		30	19			50
61a. Epidemic cerebro-spinal meningit is																									
62. Progressive locomotor ataxia																						1			1
63. Other diseases of the spinal cord																					1				1
64. Cerebral congestion and hemorrhage					5	5															8	7			15
65. Cerebral softening																									
66. Paralysis without apparent cause																									
67. General paralysis					1																2	1			3
68. Other forms of insanity																									
69. Epilepsy																									
70. Eclampsia (nonpuerperal)																					21	8			29
71. Convulsions of children																					198	156			354
72. Tetanus																					8	1			9
73. Chorea																									

NUMBER OF DEATHS BY RACE, SEX, AND AGE, ETC.—Continued.

CAUSE OF DEATH.	From fifty upward.								Unknown.								Total.								Grand total.
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
II.—Continued.																									
Diseases of the Nervous System and the Organs of Special Sense—Continued.																									
74. Other diseases of the nervous system																					2	2			4
75. Diseases of the eye and its adnexa																									
76. Diseases of the ear																									
III.																									
Diseases of the Circulatory System.																									
77. Pericarditis													1								1				1
78. Acute endocarditis			1																1		1				2
79. Organic disease of the heart						1											1				2	2	2		7
80. Angina pectoris					1	1															5	6			11
81. Affections of the arteries (atheroma, aneurism, etc.)				1	1															1	1				2
82. Embolus and thrombosis																									
83. Affections of the veins (varices, hemorrhoides, phlebitis)																									
84. Affections of the lymphatic system (lymphangitis, etc.)																									
85. Hemorrhages																									
86. Other affections of the circulatory system																									
IV.																									
Diseases of the Respiratory System.																									
87. Diseases of the nasal fossæ																									
88. Affections of the larynx																						1			1
89. Affections of the thyroid body																									
90. Acute bronchitis																					28	31			59
91. Chronic bronchitis					1		1														31	28	2		61
92. Broncho-pneumonia						1															3	5			8
93 Pneumonia					1	1															9	2	1		12
94. Pleurisy																									
95. Pulmonary congestion and apoplexy																					2	2			4
96. Gangrene of the lungs																					1				1
97. Asthma					1																1				1
98. Pulmonary emphysema																									
99. Other diseases of the respiratory system (phthisis excepted)																									
V.																									
Diseases of the Digestive System.																									
100. Affections of the mouth and its adnexa																									
101. Affections of the pharynx																									
102. Affections of the esophagus							1																1		1
103. Ulcer of the stomach																									
104. Other affections of the stomach (cancer excepted)																					1	2			3
105 Diarrhea and enteritis (under 2 years)																					7	11		1	19
105a Chronic diarrhea and enteritis					3	3															30	33			63
106. Diarrhea and enteritis (2 years and over)						1															1	1			2
107. Intestinal parasites																									
108. Hernias: Intestinal obstructions																									
109. Other affections of the intestines						1																1			1
110. Acute yellow atrophy of the liver					1														1		1				2
111. Hydatid tumors of the liver																									
112. Cirrhosis of the liver						1															1	1			2
113. Biliary calculi																									
114. Other affections of the liver																									
115. Affections of the spleen																					1				1
116. Simple peritonitis (puerperal excepted)																					2	1			3
117. Other affections of the digestive system (cancer and tuberculosis excepted)																									
118. Appendicitis and abscess of the iliac fossa																					1				1
VI.																									
Diseases of the Genito-Urinary System and its Adnexa.																									
119. Acute nephritis													1								1	5	1		7
120. Bright's disease					2	5															6	7			13
121. Other diseases of the kidneys and their adnexa																					1				1
122. Calculi of the urinary tract																									
123. Diseases of the bladder																					1				1
124. Diseases of the urethra, urinary abscess, etc																									
125. Diseases of the prostate																									
126. Nonvenereal diseases of the male genital organs																									
127. Metritis																						1			1
128. Uterine hemorrhage (nonpuerperal)																						1			1
129. Tumor, uterine (noncancerous)																									
130. Other diseases of the uterus																									
131. Cysts and other tumors of the ovary																						1			1
132. Other diseases of the female genital organs																									
133. Nonpuerperal diseases of the breast (cancer excepted)																									

NUMBER OF DEATHS BY RACE, SEX, AND AGE, ETC.—Continued.

CAUSE OF DEATH.	From fifty upward.								Unknown.								Total.								Grand total.
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
VII.																									
The Puerperal State.																									
134. Accidents of pregnancy																									
135. Puerperal hemorrhage																						2			2
136. Other accidents of labor																									
137. Puerperal septicæmia																						7			7
138. Albuminuria and puerperal eclampsia																						2			2
139. Puerperal phlegmasia—alba dolens																									
140. Other puerperal accidents—sudden death																									
141. Puerperal diseases of the breast																									
VIII.																									
Diseases of the Skin and Cellular Tissue.																									
142. Gangrene																									
143. Furuncle																									
144. Warm-acute abscess						1																1			1
145. Other diseases of the skin and its adnexa																									
IX.																									
Diseases of the Organs of Locomotion.																									
146. Affections of the bones (nontuberculous)																									
147. Diseases of the joints (tuberculosis and rheumatism excepted)																									
148. Amputation																									
149. Other affections of the organs of locomotion																									
X.																									
Malformations.																									
150. Congenital malformations (stillbirths excepted)																									
XI.																									
Early Infancy.																									
151. Congenital debility, icterus and sclerema																					28	25			53
152. Other special diseases of early infancy																						1			1
153. Lack of care																									
XII.																									
Old Age.																									
154. Senile debility					6	11															6	11			17
XIII.																									
Affections Produced by External Causes.																									
155. Suicide by poison																									
156. Suicide by asphyxia																									
157. Suicide by hanging or strangulation																									
158. Suicide by submersion																									
159. Suicide by firearms					1																1				1
160. Suicide by cutting instruments						1																1			1
161. Suicide by jumping from high place																									
162. Suicide by crushing																									
163. Other suicides																									
164. Fractures																					1				1
165. Dislocations																									
166. Other accidental traumatisms																	2				2				4
167. Burns																									
168. Burning by corrosive substances																									
169. Insolation																									
170. Freezing																									
171. Electrical shocks																									
172. Accidental submersion																									
173. Inanition																									
174. Inhalation of deleterious gases (suicide excepted)																									
175. Other acute poisonings																									
176. Other external violence						1																1			1
XIV.																									
Ill-Defined Diseases.																									
177. Dropsy																									
178. Sudden death																									
179. Unspecified or ill-defined causes of death																						1			1
Total			3	1	46	46	3						3				4	1	4	2	568	478	34	2	1,093
Grand total			4		92		3						3				5		6		1,046		36		1,093

Of the total number of deaths occurring during the month of October, 1904, 1,093, including transients, 747 were of persons less than 16 years of age. Of the remaining 346 adults of both sexes only 198, classified below, had definite occupations:

Sex and occupation.	Number.
Males:	
Awning makers	2
Barbers	2
Blacksmith	1
Carriage makers	3
Carrier	1
Carpenters	10
Cigar makers	3
Clerks	10
Coppersmith	1
Cooks	2
Domestics	4
Drivers	4
Farmer	1
Fireman	1
Fishermen	2
Grass seller	1
Helmsman	1
Laborers	61
Males—Continued.	
Machinist	1
Masons	2
Merchants	10
Messenger	1
Opium dealer	1
Painter	1
Philippines Constabulary	1
Priest	1
Sailors	7
Shoemakes	2
Shopkeepers	2
Students	4
Steamship captain	1
Tailors	2
Vaccinator	1
Total	147
Females:	
Artist	1
Cigarette maker	1
Cigar makers	9
Domestics	2
Dressmaker	1
Laundry women	15
Milk seller	1
Property owner	1
Seamstresses	14
Shopkeepers	6
Total	51
Grand total	198

Bilibid Prison sick report.

Diseases.	Total sick as per last report.	Taken since last report.	Died.	Discharged.	Total number sick this date.
Abscess (ischio rectal)		1		1	
Acute gonorrheal nephritis, cystitis, and orchitis		1		1	
Acute parenchymatous nephritis		1		1	
Anchylostominasis	1		1		
Beri-beri		9	2	3	4
Beri-beri and acute pulmonary tuberculosis	1		1		
Cellulitis of hand (multiple incisions)		1		1	
Chicken pox	29	8		37	
Chronic interstitial nephritis		1		1	
Circumcision	1			1	
Fecal impaction	1	1		2	
Fever, malarial intermittent		18		16	2
Fever, malarial remittent		5		4	1
Gastritis acute		1		1	
General miliary tuberculosis		1	1		
General pulmonary and mesenteric tuberculosis (asthenia)		1	1		
Pulmonary tuberculosis and gonorrheal ophthalmia		1	1		
Gonorrheal lymphangitis and gonorrheal orchitis		1		1	
Hernia (radical operation)	2			2	
Hemorrhoids (acute internal)		1		1	
Intestinal amebiasis	6	25	2	25	4
Intestinal amebiasis and chronic interstitial nephritis		1			1
Lacerated wounds of fingers (amputation)		1			1
Lobar pneumonia	5	24	9	18	2
Multiple abscesses (trichinosis)	1	2		2	1
Necrosis, lower jaw (excision left half of inferior maxilla)	1			1	
Orchitis acute		1		1	
Parotitis		1		1	
Paretic dementia, chronic interstitial nephritis and suppression of urine		1	1		
Pulmonary tuberculosis and intestinal amebiasis		4	4		
Pulmonary and mesenteric tuberculosis		1	1		
Punctured wound of foot		2		2	
Pulmonary and mesenteric tuberculosis, intestinal amebiasis and chronics parenchymatous nephritis		1	1		
Senility		1	1		
Tuberculosis, pulmonary	19	45	16	1	47
Vesicle and mesenteric carcinoma		1	1		
Total	67	163	43	124	63

Total number prisoners, 4,532; convalescents, 35; disabled, 79; insane, 26.

Bilibid Prison report of deaths.

Disease.	Presidio.				Carcel.				Total.	Condition.				Cemeteries.	
	Filipinos.		Chinese.		Filipinos.		Chinese.			Married.	Single.	Widowers.	Unknown.	Norte.	Loma.
	M.	F.	M.	F.	M.	F.	M.	F.							
Dysentery	1				1				2	1	1			2	
Beri-beri	1				1	1			3	3				3	
Tuberculosis of lungs	14	3			7	1			25	12	13			25	
Generalized tuberculosis	1				1				2	1	1			2	
Cancer and other malignant tumors of peritoneum, intestines, and rectum	1								1	1				1	
Other form of insanity					1				1				1	1	
Pneumonia	3				5				8	7	1			8	
Senile debility	1								1	1				1	
Total	22	3			16	2			43	26	16		1	43	

Report of San Lazaro Hospital, Women's and Leper Departments.

	Leper department.[1]							Women's department.[2]				
	Europeans.		Filipinos.		Chinese.		Total.	Americans.	Europeans.	Filipinas.	Japanese.	Total.
	M.	F.	M.	F.	M.	F.						
Number of patients in hospital at last report		1	130	90	1		222		1	46	18	65
Number of patients received during the month			5				5	1	3	57	29	90
Number of patients discharged								1	2	67	30	100
Number of deaths			3	1			4					
Number of patients escaped			1				1					
Number of patients remaining in hospital		1	131	89	1		222		2	36	17	55

[1] Died, 1 female and 3 male Filipinos. Escaped, 1 male Filipino.
[2] Discharged cured, 1 American, 2 Europeans, 30 Japanese, and 57 Filipinas. Given into custody of the police uncured, 10 Filipinas.

Report of prescriptions filled at the Municipal Dispensaries.

Sanitary districts.	Americans.				Foreigners.				Filipinos.				Chinese.				Total.
	Adults.		Children.		Adults.		Children.		Adults.		Children.		Adults.		Children.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
Health District No. 1, San Nicolas									121	97	41	23					282
Health District No. 2, Tondo	1								325	180	89	33					628
Health District No. 3, Quiapo									153	86	51	45					335
Health District No. 4, Santa Cruz									142	84	47	44					317
Health District No. 5, Sampaloc									133	87	58	40					318
Health District No. 6, Intramuros									84	75	45	13					217
Health District No. 7, Ermita, Malate, etc									250	196	62	66					574
Total	1								1,208	805	393	264					2,671

Report of sick and wounded city poor attended by municipal physicians.

Health districts and physicians.	Americans.				Foreigners.				Filipinos.				Chinese.				Total.	Cured.		Deaths.		Number of visits.
	Adults.		Children.		Adults.		Children.		Adults.		Children.		Adults.		Children.							
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.		M.	F.	M.	F.	
No. 1, San Nicolas, Dr. F. Herrera									19	21	6	12					58	13	20	1	4	263
No. 2, Tondo, Dr. V. Pantoja									69	59	26	10					164	83	62	7	3	353
No. 3, Quiapo, Dr. P. Gabriel									18	35	9	14					76	7	9	6	9	148
No. 4, Santa Cruz, Dr. C. Reyes									22	26	16	5					69	19	18	12	4	351
No. 5, Sampaloc, Dr. F. Castañeda									26	54	31	21					132	22	36	9	8	221
No. 6 Intramuros, Dr. V. Cavanna	2								21	17	22	26					88	17	22	6	6	367
No. 7, Malate, Ermita, etc., Dr. J. B. Cabarrus									22	45	11	14					92	18	36	5	13	271
Total	2								197	257	121	102					679	179	203	46	47	1,974

Burials and disinterments.

Cemetery.	Number.
BURIALS.	
Loma (Government)	592
Norte (Government)	83
Paco general (Government)	29
Santa Cruz	2
Binondo	30
Balic-balic	155
Maytubig	54
Malate	58
Pandacan (Romano)	11
Pandacan (Filipino)	18
Santa Ana	48
Chinese	30
American National Cemetery	2
Crematory	2
Embalmed and shipped	2
BURIALS—continued.	
Shipped to the provinces (Rizal)	1
Total	1,117
DISINTERMENTS.	
Paco	14
Santa Cruz	6
Balic-balic	1
Malate	1
Maytubig	1
Chinese	26
Total	49

General inspection of houses, premises, vaults, etc., with improvements ordered, disinfected, whitewashed, cleaned, etc., by medical inspectors, sanitary inspectors, and assistant sanitary inspectors.

1.	Houses inspected by sanitary inspectors	1,568	26. Number of cholera cases reported by assistant sanitary inspectors	0
2.	Houses reinspected for verification of work ordered	436	27. Number of cholera cases reported by Auxiliary Advisory Board	0
3.	Houses inspected by assistant sanitary inspectors	23,089	28. Number of cholera cases found "alive"	0
4.	Houses reinspected by assistant sanitary inspectors	7,223	29. Number of cholera cases found "dead"	0
5.	Houses ordered cleaned (written)	0	30. Number of orders issued during the month	51
6.	Houses ordered cleaned (verbal)	5,929	31. Number of orders complied with during the month	27
7.	Houses cleaned	5,304	32. Number of orders awaiting action	16
8.	Houses ordered whitewashed and painted	18	33. Number of orders pending in court	0
9.	Houses whitewashed and painted	7	34. Number of food tiendas in districts	1,487
10.	Houses disinfected	211	35. Number of persons convicted for violation of food-prohibition order	0
11.	Houses recommended condemned and removed	0	36. Average in visiting each street and barrio during month	4
12.	Houses condemned and removed	0	37. Number of regular inspectors on duty	14
13.	Number of localities where "squatters" are located	30	38. Number of emergency inspectors on duty	4
14.	Number of samples of water, foods, etc., sent to Laboratory	9	39. Number of leper cases sent to San Lazaro Hospital	0
15.	Number of reports from same	3	40. Number of plague cases reported	0
16.	Number of fire plugs opened or closed for sanitary purposes	0	41. Number of smallpox cases reported	0
17.	Number of hydrants recommended reopened	0	42. Houses in which traps are set	15,061
18.	Number of houses where garbage has not been removed for two days	218	43. Houses in which bane is placed	0
19.	Number of persons reported sick to municipal physicians	457	44. Traps set	49,515
20.	Cesspools and vaults ordered cleaned	114	45. Plates with ratsbane placed	0
21.	Cesspools cleaned	75	46. Rats caught by rat catchers	6,933
22.	Yards ordered cleaned	2,669	47. Rats caught by traps	6,766
23.	Yards cleaned	2,329	48. Rats caught by poison	0
24.	Yards ordered repaired (repaved, etc.)	5	49. Rats purchased	0
25.	Yards repaired	4	50. Rat catchers employed	69

Monthly report of disinfections.

Causes for disinfections.	Number of disinfections.	Number of contacts.	Causes for disinfections.	Number of disinfections.	Number of contacts.
Smallpox (suspected)	1	1	Insanitary condition	85	
Typhoid fever	4	8	Destruction of mosquitoes	1	
Glanders	17		Total	119	9
Lymphangitis	4				
Surra	7				

Report of crematories.

Disposition.	Crematories. Palomar.	Santa Cruz.	Paco.	Total.
Animals cremated:				
American horses	25		4	29
American mules	3		1	4
Chinese mules	2			2
Chinese horses	4			4
Australian horses	7			7
Filipino horses	92		1	93
Carabaos	11			11
Cows	49			49
Dogs	18		2	20
Goats	3		1	4
Calves	20		1	21
Cats	141		10	151
Rats	13,549			13,549
Monkeys	1		30	31
Fowls	695		8	703
Animals cremated—Continued.				
Domestic birds	7		7	14
Pigs	28		3	31
Deer	1			1
Total	14,656		68	14,724
Loads cremated:				
Garbage	2,987		1,059	4,046
Trade refuse	126		51	177
Market refuse	471		79	550
Waste	235		426	661
Organic matter	61			61
Condemned goods	72			72
Total	3,952		1,615	5,567

Report of action taken on licenses.

Business for which license is desired.	License applications approved.	License applications disapproved.	Total applications acted upon.	Applications awaiting action.	Business for which license is desired.	License applications approved.	License applications disapproved.	Total applications acted upon.	Applications awaiting action.
Aërated waters	1		1		Liquor, first-class bar	2		2	
Bakeries	9		9		Liquor, second-class bar	1	1	2	
Billiard parlors	1	2	3		Liquor, first-class restaurant	1		1	
Blood, to sell	1		1		Native products	3	1	4	
Boarding houses	2		2		Paint, make and sell	1		1	
Candles, make and sell	1	1	2		Restaurants	9	1	10	
Cinematograph	1		1		Sausage, make and sell	1		1	
Cleaning and dyeing	1		1		Sell roots and herbs	1		1	
Cooked food	1		1		Soap factory	3	1	4	
Dancing school	1	1	2		Sweetmeats, make and sell	1		1	
Distilleries (perfumes)	2		2		Theaters	2		2	
Drug stores	6		6		Undertaking	2	1	3	
Hotels	2		2		Wine, native	1		1	
Laundries	7	2	9						
Leather, tan and sell	2		2		Total	66	11	77	

Report of the Veterinary Division of the Board of Health for the Philippine Islands.

[JOHN G. SLEE, *Chief Veterinarian.*]

Disposition.	Number.
On arrival in city:	
Number of cattle inspected	2,841
Number of carabaos inspected	360
Number of horses inspected	131
Number of hogs inspected	4,626
Number of sheep inspected	10
Number of goats inspected	65
Number of other animals inspected	29
Total	8,062
For shipment to provinces:	
Number of cattle inspected	93
Total	93

Disposition.	Number.
In Government abattoir:	
Number of cattle slaughtered	2,289
Number of hogs slaughtered	5,032
Number of sheep slaughtered	
Number of goats slaughtered	
Total	7,321
Miscellaneous:	
Number of cattle condemned in matadero	6
Number of hogs condemned in matadero	12
Number of horses condemned for glanders	9
Number of horses condemned for surra	9
Number of other animals condemned	4
Total	40

Reports received of lepers living in the various provinces of the Philippine Islands.

Province.	Race.	Number of men.	Number of women.	Children. M.	Children. F.	Single. M.	Single. F.	Married. M.	Married. F.	Widowers.	Widows.	Total.
Abra	Filipino	8	4	1		4	3	3	1			12
Albay	do	23	22	3	4	14	12	5	3	1	3	45
Ambos Camarines	do	72	22	6	1	37	10	23	9	6	2	94
Antique	do	62	49	13	14	21	15	22	15	6	5	111
Bataan	do	9	2		1	8		1			1	11
Batangas	do	18	11			14	4	3	3	1	4	29
Benguet[1]	Igorrote	32	11	1	1	1		21	10	9		43
Bohol	Filipino	78	55	5	3	34	39	35	12	4	1	133
Bulacan	do	22	13			9	7	11	6	2		35
Cagayan	do	47	50	1		23	16	19	21	4	13	97
Capiz	do	37	15	1		18	10	16	5	2		52
Cavite	do	40	25		1	27	17	9	4	4	3	65
Cebu	do	675	377									1,052
Ilocos Norte	do	75	38			25	18	42	12	8	8	113
Ilocos Sur	do	137	77	13	2	64	44	43	18	17	13	214
Iloilo	do	80	29	4	1	44	13	26	8	6	7	109
Isabela	do	11	6			3		7	3	1	3	17
La Laguna	do	17	8	1	2	7	3	7	2	2	1	25
Lepanto-Bontoc[1]	do	15	4	1		5	1	8		1	3	19
Leyte[1]	do	50	41	1	3	26	27	20	7	3	4	91
Masbate	do	8	3	1		3	1	2	2	2		11
Mindanao[1]	Moro	143	77	3	3	86	44	45	18	9	12	220
Misamis	Filipino	39	13	2		20	7	14	3	3	3	52
Negros Occidental	do	22	8	2	2	9	6	10		1		30
Negros Oriental	do	67	53	4		27	23	35	21	1	9	120
Nueva Ecija	do	39	16	1		18	7	14	5	6	4	55
Nueva Vizcaya	do	2	4			1		1	2		2	6
Pampanga	do	12	7			4	5	6	2	2		19
Pangasinan	do	33	23		1	9	4	19	14	5	4	56
Rizal	do	47	20	1	2	26	10	19	6	1	2	67
Romblon	do	4	10			1	3	3	3		4	14
Samar	do	143	115		1	43	50	74	43	26	21	258
San Lazaro[2]	do	132	90	23	11	71	44	25	19	13	16	222
Sorsogon	do	83	34		1	41	18	38	6	4	9	117
Surigao[1]	do		1								1	1
Tarlac	do	14	8	1	1	1	5	11	2	1		22
Tayabas	do	[illegible]	5			2	3	11	1	2	1	20
Union	do	33	18			10	11	20	7	3		51
Zambales[1]	do	60	35	2		30	15	24	15	4	5	95
Total		2,404	1,399	91	55	786	495	692	308	160	164	3,803

[1] Revised reports not received.

[2] 1 European (female).

Reports received of insane persons living in the various provinces of the Philippine Islands.

Province.	Race.	Number of males.	Number of females.	Children.		Single.		Married.		Widowers.	Widows.	Total.
				M.	F.	M.	F.	M.	F.			
Abra	Filipino	23	11			15	5	6	2	2	4	34
Albay	do	18	19	2		8	12	5	3	3	4	37
Ambos Camarines	do	66	57	1	4	46	36	15	10	4	7	123
Antique	do	32	36		1	21	19	9	14	2	2	68
Bataan	do	12	8			6		5	4	1	4	20
Batangas	do	68	58			54	40	10	8	4	10	126
Bohol	do	279	280	11	7	209	212	50	45	9	16	559
Bulacan	do	26	20			17	8	7	7	2	5	46
Cagayan	do	10	8			4	3	6	4		1	18
Capiz	do	34	38		1	18	17	13	11	3	9	72
Cavite	do	31	23			22	8	7	10	2	5	54
Cebu	do	447	333	11	3	324	250	95	65	17	15	780
Ilocos Norte	do	52	38	2	1	38	28	9	5	3	4	90
Ilocos Sur	do	92	56	1		64	39	22	10	5	7	148
Iloilo	do	95	81			61	48	24	15	10	18	176
Isabela	do	9	7			4	3	5	3		1	16
La Laguna	do	71	72	3	5	45	40	17	18	6	9	143
Lepanto-Bontoc	do	10	7			6	5	3		1	2	17
Masbate	do	18	20	1	1	12	12	4	4	1	3	38
Mindoro	do	9	7			8	4	1	2		1	16
Misamis	do	70	66	1		51	35	14	17	4	14	136
Negros Occidental	do	41	31		1	32	13	6	9	3	8	72
Negros Oriental	do	116	116	3	1	94	85	15	18	4	12	232
Nueva Ecija	do	31	18	1		25	11	3	4	2	3	49
Nueva Vizcaya	do	4	5			4	1		3		1	9
Pampanga	do	33	35			25	19	8	12		4	68
Pangasinan	do	93	86	6	5	45	44	26	22	16	15	179
Rizal	do	37	26			24	15	10	6	3	5	68
Romblon	do	22	5			5	2	11	3	6		27
Samar	do	32	28			24	19	4	4	4	5	60
Sorsogon	do	86	65			66	40	16	19	4	6	151
Tarlac	do	9	7			6	5	3			2	16
Tayabas	do	128	100	5	1	100	75	16	13	7	11	228
Union	do	32	15	1		18	9	12	4	1	2	47
Zambales	do	9	17			7	7	2	1		9	26
Total		2,145	1,799	49	31	1,508	1,169	459	375	129	224	3,944

Report of operations of the pail-conservancy system.

Where cleaned.	Pail collections.			Vaults cleaned.					
				Cleaned by odorless excavators.			Cleaned by public scavengers.		
	Number of installations.	Pails in use.	Pails cleaned.	Vaults cleaned.	Loads removed.	Gallons removed.	Permits issued.	Vaults cleaned.	Barrels contents removed.
Private houses	1,090	1,296	35,757	159	274	137,000			
Public buildings	55	133	3,992	19	211	105,500			
Public closets	35	1,088	20,926						
Military buildings	16	124	3,734	7	108	54,000			
Total	1,196	2,641	64,409	185	593	296,500			

Sanitary Engineer's Division—Number of houses on which work has been completed in accordance with orders issued by this office, and orders issued and complied with.

Health district.	Number of houses on which work has been completed.	Orders.	
		Issued.	Complied with.
Station A, San Nicolas	21	13	6
Station C, Tondo	5	11	5
Station F, Quiapo	9	22	12
Station G, Santa Cruz	10		
Station I, Sampaloc	2		
Station J, Intramuros	7	3	2
Station L, Ermita, Malate, etc	17	2	2
Total	71	51	27

New orders issued during the month, 37.

Leters sent to property owners concerning faulty work done, and ordering work to be completed and requesting owners to come to this office in regard to work, 30.

Amount of vaccine virus distributed by the Board of Health.

	Units.
Inhabitants of the Philippine Islands (Manila not included)	169,300
Used by Vaccine Division and other institutions of the city of Manila	45,150
Total	214,450

Report of vaccinations, city of Manila.

Health district.	Vaccinations.				Inspections.						
	Children.	Adults.		Total.	Children.		Adult males.		Adult females.		Total.
		Male.	Female.		Positive.	Negative.	Positive.	Negative.	Positive.	Negative.	
No. 1, San Nicolas											
No. 2, Tondo											
No. 3, Quiapo	1,220	1,242	1,033	3,495	565	1,104	1,218	2,889	937	2,391	9,104
No. 4, Santa Cruz											
No. 5, Sampaloc	3,609	3,929	4,355	11,893	679	1,259	1,088	2,392	890	2,045	8,353
No. 6, Intramuros	729	2,245	885	3,859							
No. 7, Ermita, Malate, etc											
Total	5,558	7,416	6,273	19,247	1,244	2,363	2,306	5,281	1,827	4,436	17,457

Epidemic of cholera in the city of Manila and provinces from March 20, 1902, to August 31, 1904.

Month.	Manila.		Provinces.	
	Cases.	Deaths.	Cases.	Deaths.
1902.				
March	108	90		
April	586	406	1,927	1,417
May	550	442	2,407	1,631
June	601	492	5,204	4,097
July	1,368	1,053	7,757	5,807
August	720	581	11,247	7,874
September	273	179	43,346	27,410
October	87	57	30,837	18,572
November	336	236	12,353	6,681
December	35	24	5,918	3,583
1903.				
January	7	4	4,921	2,757
February	2	1	2,997	2,009
March	6	6	1,903	1,124
April	33	27	1,772	1,147
May	230	212	1,402	885
June	39	38	3,554	2,945
1903—Continued.				
July	42	38	4,167	2,806
August	89	72	10,212	7,406
September	290	263	4,613	3,672
October	127	118	2,531	1,969
November	31	26	1,119	937
December	14	13	364	270
1904.				
January	4	5	35	24
February	3	3	61	42
March			23	10
April			1	
May				
June				
July				
August				
Total	5,581	4,386	160,671	105,075

METEOROLOGICAL DATA DEDUCED FROM HOURLY OBSERVATIONS.

Date.	Barometer.[1] Mean.		Temperature.[2] Mean.		Maximum.		Minimum.		Relative humidity mean.
	Inches.	Mm.	°C.	°F.	°C.	°F.	°C.	°F.	Per ct.
1	29.857	758.36	26.7	80.1	31.5	88.7	22.4	72.3	84.9
2	29.853	58.25	26.3	79.3	30.5	86.9	22.7	72.9	85.9
3	29.830	57.67	26.9	80.4	31.9	89.4	23.4	74.1	84.4
4	29.815	57.31	26.8	80.2	31.7	89.1	22.7	72.9	85.2
5	29.825	57.55	26.8	80.2	32.0	89.6	22.4	72.3	83.7
6	29.886	59.09	26.3	79.3	30.8	87.4	23.3	73.9	86.3
7	29.917	59.88	26.4	79.5	32.0	89.6	22.3	72.1	82.6
8	29.898	59.41	26.5	79.7	33.0	91.4	22.6	72.7	81.3
9	29.868	58.63	26.8	80.2	31.8	89.2	21.1	70.0	74.2
10	29.876	58.83	26.7	80.1	31.8	89.2	23.1	73.6	78.4
11	29.906	59.59	26.9	80.4	32.1	89.8	23.0	73.4	80.5
12	29.889	59.17	25.6	78.1	29.2	84.6	22.7	72.9	89.1
13	29.856	58.32	26.3	79.3	30.8	87.4	22.8	73.0	88.9
14	29.851	58.21	27.4	81.3	31.7	89.1	23.4	74.1	85.8
15	29.890	59.20	26.9	80.4	32.2	90.0	23.7	74.7	86.0
16	29.869	58.64	26.4	79.5	32.7	90.9	23.4	74.1	84.5
17	29.855	58.30	25.9	78.6	32.7	90.9	22.4	72.3	89.6
18	29.900	59.45	26.1	79.0	31.8	89.2	21.2	70.2	85.8
19	29.914	59.80	27.0	80.6	32.2	90.0	22.0	71.6	81.5
20	29.907	59.62	26.7	80.1	31.9	89.4	21.7	71.1	86.5
21	29.868	58.62	27.1	80.8	33.3	91.9	21.9	71.4	79.5
22	29.879	58.92	25.8	78.4	29.7	85.5	22.0	71.6	87.6
23	29.881	58.97	26.4	79.5	31.3	88.3	22.4	72.3	83.4
24	29.864	58.52	26.6	79.9	32.6	90.7	21.7	71.1	77.9
25	29.836	57.83	25.6	78.1	30.5	86.9	22.2	72.0	86.3
26	29.805	57.02	25.0	77.0	30.5	86.9	22.2	72.0	92.2
27	29.777	56.33	25.3	77.5	30.9	87.6	22.0	71.6	88.9
28	29.804	57.00	25.5	77.9	30.7	87.3	22.6	72.7	92.0
29	29.865	58.56	25.7	78.3	30.8	87.4	23.4	74.1	90.0
30	29.899	59.43	23.7	74.7	25.5	77.9	22.1	71.8	96.8
31	29.892	59.25	26.0	78.8	32.4	90.3	21.8	71.2	81.3
Mean	29.866	758.57	26.3	79.3	31.4	88.5	22.5	72.5	85.2
Total									

Date.	Wind. Prevailing direction.	Total daily motion.		Maximum. Force.		Direction.	Sunshine.		Rainfall.	
		Km.	Miles.	Km.	Miles.		h.	m.	Inch.	Mm.
1	W.	114	71	22	14	WNW.	9	20	.158	4.0
2	Variable.	98	61	12	7	W.	6	20	.094	2.4
3	WSW., E.	123	76	13	8	WSW.	7	00		
4	SW.	51	32	6	4	SW.	8	35	.126	3.2
5	W.	102	63	12	7	W.	7	20		
6	NNE.	80	50	11	7	N.	2	10	.071	1.8
7	N.	128	80	14	9	NNE.	7	25	.004	0.1
8	N.-NE.	92	57	10	6	NE.	8	00	.083	2.1
9	N.-NE.	94	58	12	7	N. by W.	10	00		
10	NE.	94	58	12	7	NNW.	4	00		
11	N.	169	105	28	18	N. by W.	7	25	.083	2.1
12	Variable.	86	53	17	11	W.	0	50	.535	13.6
13	ESE.	86	53	13	8	ESE.	5	35	.098	2.5
14	W.	99	62	14	9	WSW.	8	50	.264	6.7
15	W.	88	55	13	8	N.	7	05		
16	W., ENE.	129	80	14	9	W.	8	50	.142	3.6
17	N.-NE.	78	48	15	9	SW.	5	20	.146	3.7
18	NE., W.	98	61	14	9	NE.	8	20		
19	WNW.	109	68	13	8	WNW.	9	50		
20	W.	100	62	14	9	W.	6	45		
21	WNW.	125	78	14	9	WNW.	9	50		
22	Variable.	48	30	8	5	WSW.	2	50	.272	6.9
23	N.-E.	100	62	10	6	WNW.	4	20		
24	N.-ENE.	156	97	15	9	N.	7	05		
25	N.	185	115	20	12	N.	2	30	.468	11.9
26	NNW.	125	78	14	9	N.	1	45	.402	10.2
27	N.	148	92	14	9	N.	2	15	.555	14.1
28	W., N.	190	118	16	10	N.	4	55	.937	23.8
29	S.-SE.	84	52	11	7	SSE.	1	40	.874	22.2
30	NNE.	100	62	8	5	N.	0	00	.189	4.8
31	NNE., E.	127	79	14	9	E. by N.	6	00		
Mean		109.9	68.3	13.6	8.5		5	53		
Total		3,406	2,116				182	10	5,501	139.7

[1] Corrected for instrumental error and for temperature and reduced to sea level. Correction to standard gravity, —1.72 mm. (—0.068 inch).
[2] These values are taken from instruments mounted in the Observatory park, 1.5 meters above ground.

GENERAL LIBRARY,
UNIV. OF MICH.
APR 26 1905

MONTHLY REPORT

OF THE

Board of Health for the Philippine Islands

AND CITY OF MANILA.

NOVEMBER, 1904.

TO THE HON. DEAN C. WORCESTER, SECRETARY OF THE INTERIOR.

E. C. CARTER, M. D., Major and Surgeon, U. S. Army,
Commissioner of Public Health.

T. R. MARSHALL, M. D.,
Chief Health Inspector for the Philippine Islands.

P. C. FREER, M. D., Ph. D.,
Superintendent of Government Laboratories.
(In the United States on leave of absence.)

H. D. OSGOOD, B. S.,
Sanitary Engineer for the Philippine Islands.

R. P. STRONG, M. D., Ph. D.,
Acting Superintendent of Government Laboratories.

MANUEL GOMEZ, M. D.,
Secretary Board of Health for the Philippine Islands.

MANILA:
BUREAU OF PUBLIC PRINTING.
1905.

26469

LETTER OF TRANSMITTAL.

DEPARTMENT OF THE INTERIOR,
BOARD OF HEALTH FOR THE PHILIPPINE ISLANDS,
OFFICE OF THE COMMISSIONER,
Manila, December 22, 1904.

SIR: I have the honor to forward herewith for your information the report of the Board of Health for the Philippine Islands and the city of Manila for the month of November, 1904, which comprises principally the vital and sanitary statistics of the city of Manila.

The births registered during the month were 666, of which 349 were males and 317 females, giving a birth rate of 36.91 for each 1,000 inhabitants.

One thousand and forty-eight deaths occurred during the month, of which 957 were residents and 91 transients, the death rate among the former being 52.97 per 1,000 inhabitants. The most prevalent causes of death, arranged in the order of their frequency, are as follows:

Cause.	Number of deaths.	Cause.	Number of deaths.
Infantile convulsions	353	Intermittent fever	24
Tuberculosis	102	Organic disease of the heart	16
Chronic bronchitis	60	Cerebral congestion and hemorrhage	15
Diarrhea and chronic enteritis	45	Bright's disease	14
Beri-beri	45	Enteritis in children under 2 years	13
Congenital debility	41	Typhoid fever	13
Acute bronchitis	37	Tetanus	10
Senile debility	30	Special diseases of early infancy	10
Meningitis, simple	30	Chronic rheumatism	9
Dysentery	29	Pneumonia	9
Eclampsia (nonpuerperal)	26	Puerperal septicæmia	8

There were 96 deaths among children under 30 days of age, 490 between 30 days and 1 year; which together amount to 586, or 56 per cent of the total mortality.

There have been no deaths registered during the month from smallpox or bubonic plague, but a case of glanders occurred, followed with death. The victim was a Filipino policeman who contracted the disease through contact with a diseased horse.

Of the total of 31 deaths which occurred in Bilibid Prison, 16 were caused by tuberculosis and 5 by pneumonia, these diseases being the two greater causes of death.

The number of lepers throughout the Archipelago amounts to 3,806, the number of males being almost twice as many as the females.

The insane of the Islands number 3,930; the proportion between the males and the females does not show any remarkable difference between both sexes.

The medical inspectors and the municipal physicians visited in their houses, and examined in the clinics which have been established in the sanitary stations, 638 poor patients and wrote for them 2,889 prescriptions, which were filled at the municipal dispensaries.

Two hundred and twenty-five thousand eight hundred units of vaccine virus were received from the Government Serum Laboratory, of which 176,700 were shipped to the provinces and 49,100 were used by the vaccination division and other institutions of this city.

Twenty-five thousand seven hundred and twenty-five persons were vaccinated in Manila during this month and 8,504 inspections were made, from which it was ascertained that 2,346 resulted successfully and 6,158 unsuccessfully.

The sanitary inspectors and assistant sanitary inspectors inspected 36,791 houses and reinspected 9,137.

Seven thousand one hundred and thirty-two houses were verbally ordered to be cleaned and 6,676 were cleaned. One hundred and nine houses were disinfected.

Three thousand and ten yards were ordered to be cleaned and 2,721 were cleaned.

Fourteen thousand four hundred and seventy-seven rats were caught.

The veterinarians of this department examined, before their admission into this city, 6,934 cattle of all kinds; 60 for shipment to the provinces and 6,463 before being slaughtered for sale in the markets.

Very respectfully,

E. C. CARTER,
Major and Surgeon, United States Army,
Commissioner of Public Health.

The SECRETARY OF THE INTERIOR, *Manila P. I.*

CARTA DE REMISIÓN.

DEPARTAMENTO DEL INTERIOR,
JUNTA DE SANIDAD DE LAS ISLAS FILIPINAS,
OFICINA DEL COMISIONADO,
Manila, I. F., 22 de Diciembre de 1904.

SEÑOR: Tengo el honor de remitir á V. para su información el report de la Junta de Sanidad de las Islas Filipinas y de la ciudad de Manila correspondiente al mes de Noviembre que acaba de finar, el cual comprende principalmente la estadística demográfico-sanitaria de la ciudad de Manila.

Los nacimientos registrados durante el mes fueron 666, de los cuales son varones 349 y hembras 317, arrojando un promedio de 36.91 por mil habitantes.

Han ocurrido en este mes 1,048 defunciones; de estas 957 fueron residentes y transeuntes 91; resultando entre los primeros un promedio de 52.97 por mil habitantes. Las causas de muerte que predominaron por orden de frecuencia son como sigue:

Causas de muerte.	Total de defunciones.	Causas de muerte.	Total de defunciones.
Convulsiones infantiles	353	Fiebre intermitente	24
Tuberculosis	102	Lesiones orgánicas del corazón	16
Bronquitis crónica	60	Congestión y hemorragia cerebrales	15
Diarrea y enteritis crónica	45	Mal de Bright	14
Beri-beri	45	Enteritis en niños menores de dos años	13
Debilidad congénita	41	Fiebre Tifoidea	13
Bronquitis aguda	37	Tétanos	10
Debilidad senil	30	Varias enfermedades de la primera edad	10
Meningitis simple	30	Reumatismo crónico	9
Disentería	29	Neumonia	9
Eclampsia (no puerpueral)	26	Septicemia puerpueral	8

Entre los niños menores de 30 días fallecieron 96, y de 30 días á un año 490, sumando 586, ó sea un 56 por ciento casi de la mortalidad total.

No se ha registrado en esta capital en todo el mes ningún caso ni defunción á consecuencia de la viruela ni de la peste bubónica; pero sí ocurrió un caso de muermo seguido de defunción; la víctima fué un policía filipino que contrajo la enfermedad por contagio de un caballo enfermo.

De las defunciones ocurridas en la Cárcel de Bilíbid que fueron 31 en su totalidad, han sido causadas por la tuberculosis 16 y neumonia 5, sumando estos los dos grupos mayores de causas de muerte.

El número de leprosos de todo el archipiélago suma este mes 3,806, figurando una proporción de varones casi el doble á la de las hembras.

Los dementes en las Islas suman 3,930; la proporción entre varones y hembras no acusa ninguna notable diferencia entre uno y otro sexo.

Los médicos inspectores y municipales visitaron á domicilio y reconocieron en las clínicas establecidas en las estaciones sanitarias á 638 enfermos pobres á los que se les han prescrito 2,889 recetas que se despacharon en los dispensarios municipales.

Se recibieron del Laboratorio de Sueros del Gobierno 225,800 unidades de linfa vacuna, de las cuales fueron enviadas á provincias 176,700 unidades y 49,100 unidades se emplearon por la sección de vacunación y otras instituciones de esta ciudad.

En este mes han sido vacunadas y revacunadas en Manila 25,725 personas y se verificaron 8,504 inspecciones, viniendo á saberse que dieron buenos resultados 2,346 inoculaciones y fueron negativas 6,158.

Los inspectores sanitarios y sus ayudantes inspeccionaron 36,791 casas y fueron reinspeccionadas por los mismos 9,137.

Se notificaron verbalmente la limpieza de 7,132 casas y se limpiaron 6,676. Se desinfectaron 109 casas.

Se ordenó la limpieza de 3,010 patios y se limpiaron 2,721.

Catorce mil cuatrocientos setenta y siete ratas fueron cazadas.

Los veterinarios de este departamento reconocieron, previa su introducción en esta ciudad, 6,934 reses de todas especies; 60 para su envio á provincias, y 6,463 destinadas á ser sacrificadas para el consumo público.

Muy respetuosamente,

E. C. CARTER,
Comandante y Cirujano del Ejército de los Estados Unidos,
Comisionado de Sanidad Pública.

Al SECRETARIO DEL INTERIOR, *Manila, I. F.*

GENERAL STATISTICS.

[Unless otherwise stated these statistics are for the month of November, 1904.]

Population of the city of Manila.

[Official census of 1903.]

Nationality.	Population.	Nationality.	Population.
Americans	4,389	Chinese	21,230
Filipinos	189,782	All others	895
Spaniards	2,528		
Other Europeans	1,117	Total	219,941

Births reported.[1]

Race.	Male.	Female.	Total.	Annual average per 1,000 for the month.	Race.	Male.	Female.	Total.	Annual average per 1,000 for the month.
Americans	5	10	15	41.60	Chinese		1	1	.57
Filipinos	338	304	642	41.18	All others				
Spaniards	3	2	5	24.07					
Other Europeans	3		3	32.69	Total and average	349	317	666	36.91

[1] Incomplete.

Deaths during the month, and annual death rate per 1,000.

	Deaths during November.	Annual average per 1,000 for the month.		Deaths during November.	Annual average per 1,000 for the month.
Americans	3	8.32	Chinese	27	15.48
Filipinos	923	59.21	All others	2	27.20
Spaniards	2	9.63			
Other Europeans			Total and average	957	52.97

A classified report of all deaths occurring in Manila, including transients.

Males.	Number.	Females.	Number.
Married	113	Married	64
Widowers	37	Widows	56
Single	82	Single	29
Boys	349	Girls	310
Condition not stated in certificate	5	Condition not stated in certificate	3
Total	586	Total	462
Grand total			1,048

Stillbirths, 34; number of deaths with medical attendance, 537; number of deaths without medical attendance, 511; total, 1,048.

Deaths, by districts, including transients.

Health districts.	Population.	Deaths.	Annual rate per 1,000.
No. 1, San Nicolas	53,573	106	24.08
No. 2, Tondo	39,045	310	96.66
No. 3, Quiapo	18,487	85	55.97
No. 4, Santa Cruz	43,040	224	63.36
No. 5, Sampaloc	20,279	123	73.84
No. 6, Intramuros	17,463	49	34.16
No. 7, Ermita, Paco, etc	28,054	151	65.53
Total	219,941	1,048	58.01

Stillbirths, 34.

Deaths, by age, including transients.

Age.	Number.	Age.	Number.
Under 30 days	96	40 years to 50 years	53
30 days to 1 year	490	50 years to 60 years	34
1 year to 2 years	38	60 years to 70 years	33
2 years to 5 years	23	70 years to 80 years	21
5 years to 10 years	14	80 years to 90 years	11
10 years to 15 years	9	90 years to 100 years	9
15 years to 20 years	38	100 years and over	
20 years to 25 years	47	Unknown	
25 years to 30 years	51		
30 years to 40 years	81	Total	1,048

Stillbirths, 34.

Comparative mortality from January 1, 1900, to November 30, 1904.

Month.	1900.		1901.		1902.		1903.		1904.	
	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.
January	1,055	[1] 50.79	753	[1] 36.25	760	[1] 36.58	602	[1] 28.98	796	[2] 42.64
February	884	[1] 47.11	689	[1] 36.72	706	[1] 37.63	511	[1] 27.23	709	[2] 40.59
March	887	[1] 42.70	885	[1] 42.66	770	[1] 37.06	539	[1] 25.94	751	[2] 40.23
April	805	[1] 40.04	886	[1] 44.07	1,327	[1] 66.01	549	[1] 27.31	748	[2] 41.40
May	732	[1] 35.24	903	[1] 43.47	1,688	[1] 81.26	770	[1] 37.06	766	[2] 41.03
June	599	[1] 29.79	621	[1] 30.89	1,418	[1] 70.54	592	[1] 29.45	800	[2] 44.28
July	787	[1] 37.88	608	[1] 29.27	2,223	[1] 107.02	620	[2] 33.21	866	[2] 46.39
August	825	[1] 39.71	702	[1] 33.79	1,712	[1] 82.42	862	[2] 46.17	1,032	[2] 55.28
September	1,027	[1] 50.01	767	[1] 38.15	1,132	[1] 56.31	1,228	[2] 67.97	1,064	[2] 58.89
October	961	[1] 46.23	855	[1] 41.16	927	[1] 44.62	1,217	[2] 65.19	1,018	[2] 54.53
November	976	[1] 48.48	848	[1] 42.18	1,035	[1] 51.48	974	[2] 53.91	957	[2] 52.97
December	905	[1] 43.54	858	[1] 41.30	753	[1] 36.25	894	[2] 47.89		

[1] Death rate computed on population of 244,732 (Health Department's census).
[2] Death rate computed on population of 219,941 (official census, 1903).

CAUSES OF DEATHS.

(TRANSIENTS AND STILLBIRTHS NOT INCLUDED.)

	Nomenclature Designed for the Statistics of Death.	Nomenclatura para las Estadísticas de Defunciones.	Americans.		Foreigners.		Filipinos.		Chinese.		Total.
			M.	F.	M.	F.	M.	F.	M.	F.	
	I.	**I.**									
	General Diseases.	**Enfermedades Generales.**									
1	Typhoid fever (abdominal typhus)	Fiebre tifoidea	1				5	6	1		13
2	Exanthematic typhus	Tifus exantemático									
3	Recurrent fever	Fiebre recurrente									
4	Intermittent fever and malarial cachexia	Fiebre intermitente					14	5	1		20
4a	Malarial cachexia	Caquexia palúdica						1			1
5	Variola	Viruelas									
6	Measles	Sarampión									
7	Scarlatina	Escarlatina									
8	Whooping cough	Tos ferina					1				1
9	Diphtheria and croup	Difteria y crup					1				1
9a	Diphtheria	Difteria									
10	Grippe	Gripe					1				1
11	Miliary fever	Fiebre miliar									
12	Asiatic cholera	Cólera asiático									
13	Cholera nostras	Cólera nostras									
14	Dysentery	Disentería					15	7	4		26
14a	Epidemic dysentery	Disentería epidémica									
15	Plague	Peste									
16	Yellow fever	Fiebre amarilla									
17	Leprosy	Lepra					1				1
18	Erysipelas	Erisipelas									
19	Other epidemic affections (beri-beri)	Otras afecciones epidémicas (Beri-beri)					18	21	1		40
20	Purulent infection and septicæmia	Infección purulenta y septicemia						1			1
21	Glanders and farcy	Muermo y lamparones					1				1
22	Malignant pustule and anthrax	Pústula maligna y antrax									
23	Rabies	Rabia									
24	Actinomycosis, trichinosis, etc	Actinomicosis, trichinosis, etc									
25	Pellagra	Pelagra									
26	Tuberculosis of larynx	Tuberculosis de la laringe					7	5			12
27	Tuberculosis of lungs	Tuberculosis del pulmón			1	1	38	21	7		68
28	Tuberculosis of meninges	Tuberculosis de las meninges						5			5
29	Tuberculosis of abdomen	Tuberculosis abdominal					1				1
30	Pott's disease	Mal de Pott									
31	Cold abscess and abscess by congestion	Abscesos fríos y por congestión					1				1
32	White swellings	Tumores blancos									
33	Tuberculosis of other organs	Tuberculosis de otros órganos									
34	Generalized tuberculosis	Tuberculosis generalizada						1			1
35	Scrofula	Escrófula									
36	Syphilis	Sífilis							1		1
37	Gonorrhea of the adult	Blenorragia en los adultos									
38	Gonococcic infections of children	Afecciones gonocócicas en los niños									
39	Cancer and other malignant tumors of the buccal cavity.	Cáncer ú otros tumores malignos en la cavidad bucal									
40	Cancer and other malignant tumors of the stomach and liver.	Cáncer ú otros tumores malignos del estómago é hígado.									
41	Cancer and other malignant tumors of the peritoneum, intestines, and rectum.	Cáncer ú otros tumores malignos del peritóneo, intestinos y recto.									
42	Cancer and other malignant tumors of the female genitals.	Cáncer ú otros tumores malignos de los órganos genitales de la mujer.						1			1
43	Cancer and other malignant tumors of the breast	Cáncer ú otros tumores malignos de la mama									
44	Cancer and other malignant tumors of the skin	Cáncer ú otros tumores malignos de la piel									
45	Cancer and other malignant tumors of other organs and organs not specified.	Cáncer ú otros tumores malignos en otros órganos					2	1			3
46	Other tumors (tumors of the female genitals excepted).	Otros tumores (exceptuándose los de los órganos genitales de la mujer.)									
47	Acute articular rheumatism	Reumatismo articular agudo					1	1			2
48	Chronic rheumatism and gout	Reumatismo crónico y gota					5	4			9
49	Scurvy	Escorbuto									
50	Diabetes	Diabetes				1					1
51	Exophthalmic goiter	Bocio exoftálmico									
52	Addison's disease	Enfermedad bronceada de Addison									
53	Leukæmia	Leucemia									
54	Anæmia, chlorosis	Anemia, clorosis					1	2			3
55	Other general diseases	Otras enfermedades generales					1				1
56	Acute alcoholism, or chronic	Alcoholismo agudo ó crónico									
57	Lead poisoning	Saturnismo									
58	Other poisonings incident to occupations	Otras intoxicaciones profesionales crónicas									
59	Other chronic poisonings	Otros envenenamientos crónicos									
	II.	**II.**									
	Diseases of the Nervous System and the Organs of Special Sense.	**Enfermedades del Sistema Nervioso y de los Órganos de los Sentidos.**									
60	Encephalitis	Encefalitis									
61	Simple meningitis	Meningitis simple					14	14			28
61a	Epidemic cerebro-spinal meningitis	Meningitis cérebro-espinal epidémica									
62	Progressive locomotor ataxia	Ataxia locomotriz progresiva									
63	Other diseases of the spinal cord	Otras enfermedades de la médula espinal									
64	Cerebral congestion and hemorrhage	Congestión y hemorragia cerebrales					7	5	1		13
65	Cerebral softening	Reblandecimiento cerebral									
66	Paralysis without apparent cause	Parálisis sin indicación de causa							1		1
67	General paralysis	Parálisis generales						3			3

CAUSES OF DEATHS—Continued.

	Nomenclature Designed for the Statistics of Death.	Nomenclatura para las Estadísticas de Defunciones.	Americans. M.	Americans. F.	Foreigners. M.	Foreigners. F.	Filipinos. M.	Filipinos. F.	Chinese. M.	Chinese. F.	Total.
	II.—Diseases of the Nervous System and the Organs of Special Sense—Continued.	**II.—Enfermedades del Sistema Nervioso y de los Órganos de los Sentidos—Cont'n.**									
68	Other forms of insanity	Otras formas de alineación mental							2		2
69	Epilepsy	Epilepsia					2				2
70	Eclampsia (nonpuerperal)	Eclampsia (no puerperal)					18	7			25
71	Convulsions of children	Convulsiones en los niños					174	157			331
72	Tetanus	Tétano					7	3			10
73	Chorea	Corea									
74	Other diseases of the nervous system	Otras enfermedades del sistema nervioso					2	1			3
75	Diseases of the eye and its adnexa	Enfermedades de ojos y sus anexos						1			1
76	Diseases of the ear	Enfermedades de los oídos									
	III.	**III.**									
	Diseases of the Circulatory System.	**Enfermedades del Aparato Circulatorio.**									
77	Pericarditis	Pericarditis									
78	Acute endocarditis	Endocarditis aguda					3	1			4
79	Organic disease of the heart	Enfermedades orgánicas del corazón					6	7	3		16
80	Angina pectoris	Angina de pecho					1				1
81	Affections of the arteries (atheroma, aneurism, etc.)	Afecciones de las arterias, etc									
82	Embolus and thrombosis	Embolia y trombosis						1			1
83	Affections of the veins (varices, hemorrhoides, phlebitis)	Afecciones de las venas									
84	Affections of the lymphatic system (lymphangitis, etc.)	Afecciones del sistema linfático									
85	Hemorrhages	Hemorragias									
86	Other affections of the circulatory system	Otras afecciones del aparato circulatorio									
	IV.	**IV.**									
	Diseases of the Respiratory System.	**Enfermedades del Aparato Respiratorio.**									
87	Diseases of the nasal fossæ	Enfermedades de las fosas nasales									
88	Affections of the larynx	Afecciones de la laringe									
89	Affections of the thyroid body	Afecciones del cuerpo tiroideo									
90	Acute bronchitis	Bronquitis aguda					13	22			35
91	Chronic bronchitis	Bronquitis crónica					26	27	2		55
92	Broncho-pneumonia	Bronco-pneumonía					2	3			5
93	Pneumonia	Pneumonía					2	2			4
94	Pleurisy	Pleuresía					1				1
95	Pulmonary congestion and apoplexy	Congestión apoplegía pulmonares									
96	Gangrene of the lungs	Gangrena del pulmón									
97	Asthma	Asma					3	1			4
98	Pulmonary emphysema	Enfisema pulmonar									
99	Other diseases of the respiratory system (phthisis excepted).	Otras enfermedades del aparato respiratorio (exceptuándose la tisis).						1			1
	V.	**V.**									
	Diseases of Digestive System.	**Enfermedades del Aparato Digestivo.**									
100	Affections of the mouth and its adnexa	Afecciones de la boca y de sus anexos					1				1
101	Affections of the pharynx	Afecciones de la faringe									
102	Affections of the esophagus	Afecciones del esófago									
103	Ulcer of the stomach	Ulcera del estómago						1			1
104	Other affections of the stomach (cancer excepted)	Otras afecciones del estómago (exceptuándose el cáncer).					1	2			3
105	Diarrhea and enteritis (under 2 years)	Diarrea y enteritis (en niños menores de 2 años)					10	3			13
105a	Chronic diarrhea and enteritis	Diarrea y enteritis crónica					16	25			41
106	Diarrhea and enteritis (2 years and over)	Diarrea y enteritis (en niños de 2 ó más años)					2	1			3
107	Intestinal parasites	Parásitos intestinales					2				2
108	Hernias; Intestinal obstructions	Hernias; obstrucciones intestinales					2				2
109	Other affections of the intestines	Otras afecciones del intestino					2				2
110	Acute yellow atrophy of the liver	Ictericia grave	1				1				2
111	Hydatid tumors of the liver	Tumores hidátidicos del hígado									
112	Cirrhosis of the liver	Cirrosis del hígado					4				4
113	Biliary calculi	Cálculos biliares						1			1
114	Other affections of the liver	Otras afecciones del hígado									
115	Affections of the spleen	Afecciones del bazo									
116	Simple peritonitis (puerperal excepted)	Peritonitis simple (exceptuándose la puerperal)					2	3			5
117	Other affections of the digestive system (cancer and tuberculosis excepted).	Otras afecciones del aparato digestivo (exceptuándose el cáncer y tuberculosis).					1				1
118	Appendicitis and abscess of the iliac fossa	Apendicitis y filimón de la fosa iliaca									
	VI.	**VI.**									
	Diseases of the Genito-Urinary System and its Adnexa.	**Enfermedades del Aparato Génito Urinario y de sus Anexos.**									
119	Acute nephritis	Nefritis aguda					1	2			3
120	Bright's disease	Mal de Bright				1	3	4	1		9
121	Other diseases of the kidneys and their adnexa	Otras enfermedades de los riñones y de sus anexos									
122	Calculi of the urinary tract	Cálculos de las vías urinarias									
123	Diseases of the bladder	Enfermedades de la vegiga									
124	Diseases of the urethra, urinary abscess, etc	Enfermedades de la uretra									
125	Diseases of the prostate	Enfermedades de la próstata									
126	Nonvenereal diseases of the male genital organs	Enfermedades no venereas de los órganos genitales del hombre.									
127	Metritis	Metritis						1			1
128	Uterine hemorrhage (nonpuerperal)	Hemorragia uterina (no puerperal)									
129	Tumor, uterine (noncancerous)	Tumor uterino (no canceroso)									
130	Other diseases of the uterus	Otras enfermedades del útero									
131	Cysts and other tumors of the ovary	Quistes y otros tumores del ovario									
132	Other diseases of the female genital organs	Otras enfermedades de los órganos genitales de la mujer.									
133	Nonpuerperal diseases of the breast (cancer excepted)	Enfermedades no puerperales de la mama (exceptuándose el cáncer).									

CAUSES OF DEATHS—Continued.

	Nomenclature Designed for the Statistics of Death.	Nomenclatura para las Estadísticas de Defunciones.	Americans. M.	Americans. F.	Foreigners. M.	Foreigners. F.	Filipinos. M.	Filipinos. F.	Chinese. M.	Chinese. F.	Total.
	VII.	**VII.**									
	The Puerperal State.	**Estado Puerperal.**									
134	Accidents of pregnancy	Accidentes de la preñez									
135	Puerperal hemorrhage	Hemorragia puerperal						5			5
136	Other accidents of labor	Otros accidentes del parto						1			1
137	Puerperal septicemia	Septicemia puerperal						8			8
138	Albuminuria and puerperal eclampsia	Albuminuria y eclampsia puerperales						1			1
139	Puerperal phlegmasia alba dolens	Flegmasia alba dolens puerperal									
140	Other puerperal accidents—sudden death	Otros accidentes puerperales—muerte repentina									
141	Puerperal diseases of the breast	Enfermedades puerperales de la mama									
	VIII.	**VIII.**									
	Diseases of the Skin and Cellular Tissue.	**Enfermedades de la Piel y del Tejido Celular.**									
142	Gangrene	Gangrena									
143	Furuncle	Forúnculo									
144	Warm-acute abscess	Abscesos calientes agudos									
145	Other diseases of the skin and its adnexa	Otras enfermedades de la piel									
	IX.	**IX.**									
	Diseases of the Organs of Locomotion.	**Enfermedades de los Órganos de la Locomoción.**									
146	Affections of the bones (nontuberculous)	Afecciones de los huesos (exceptuando la tuberculosis)									
147	Diseases of the joints (tuberculosis and rheumatism excepted).	Afecciones de las articulaciones (exceptuando la tuberculosis y el reumatismo).									
148	Amputation	Amputación									
149	Other affections of the organs of locomotion	Otras afecciones de los órganos de la locomoción									
	X.	**X.**									
	Malformations.	**Vicios de Conformación.**									
150	Congenital malformations (stillbirths excepted)	Vicios de conformación congénitos (exceptuándose los de niños nacidos muertos).									
	XI.	**XI.**									
	Early Infancy.	**Primera Infancia.**									
151	Congenital debility, icterus and sclerema	Debilidad congénita, ictericia y esclerema		1			24	13			38
152	Other special diseases of early infancy	Otras enfermedades especiales de la primera edad					4	6			10
153	Lack of care	Falta de cuidados									
	XII.	**XII.**									
	Old Age.	**Vejez.**									
154	Senile debility	Debilidad senil					12	16	2		30
	XIII.	**XIII.**									
	Affections Produced by External Causes.	**Afecciones Producidas por Causas Exteriores.**									
155	Suicide by poison	Suicidio por envenenamiento									
156	Suicide by asphyxia	Suicidio por asfixia									
157	Suicide by hanging or strangulation	Suicidio por suspensión ó por estrangulación									
158	Suicide by submersion	Suicidio por submersión									
159	Suicide by firearms	Suicidio por armas de fuego									
160	Suicide by cutting instruments	Suicidio por instrumentos cortantes									
161	Suicide by jumping from high place	Suicidio por dejarse caer desde un punto elevado									
162	Suicide by crushing	Suicidio por aplastamiento									
163	Other suicides	Otros suicidios									
164	Fractures	Fracturas					1				1
165	Dislocations	Luxaciones									
166	Other accidental traumatisms	Otros traumatismos accidentales					2				2
167	Burns	Quemaduras por el fuego					2				2
168	Burning by corrosive substances	Quemaduras por substancias corrosivas									
169	Insolation	Insolación									
170	Freezing	Congelación									
171	Electrical shocks	Conmoción eléctrica									
172	Accidental submersion	Submersión accidental					1				1
173	Inanition	Inanición									
174	Inhalation of deleterious gases (suicide excepted)	Absorción de gases deletéreos									
175	Other acute poisonings	Otros envenenamientos agudos									
176	Other external violence	Otras violencias exteriores									
	XIV.	**XIV.**									
	Ill-Defined Diseases.	**Enfermedades mal Definidas.**									
177	Dropsy	Hidropesía					1				1
178	Sudden death	Muerte repentina									
179	Unspecified or ill-defined causes of death	Causas de muerte no especificadas ó mal definidas					2				2
	Total		2	1	1	3	492	431	27		957
	Grand total		3		4		923		27		957

NUMBER OF DEATHS, WITH CAUSES, OCCURRING AMONG TRANSIENTS IN MANILA.

[These deaths are not included in preparing death rate of city.]

	Causes of Deaths.	Causas de Muerte.	Americans.		Foreigners.		Filipinos.		Chinese.		Total.
			M.	F.	M.	F.	M.	F.	M.	F.	
	I.	**I.**									
	General Diseases.	**Enfermedades Generales.**									
4	Intermittent fever and malarial cachexia	Fiebre intermitente y palúdica caquexia					3	1			4
14	Dysentery	Disenteria					2	1			3
19	Other epidemic affections (beri-beri)	Otras afecciones epidémicas (beri-beri)					4		1		5
20	Purulent infection and septicæmia	Infección purulenta y septicemia					1				1
27	Tuberculosis of lungs	Tuberculosis del pulmón					11	2			13
29	Tuberculosis of abdomen	Tuberculosis abdominal					1				1
34	Generalized tuberculosis	Tuberculosis generalizada					1				1
45	Cancer and other malignant tumors of other organs and organs not specified.	Cancer y otros tumores malignos de otros órganos y órganos no especificados.			1						1
54	Anæmia chlorosis	Anemia clorosis						1			1
59	Other chronic poisonings	Otros envenenamientos crónicos			1						1
	II.	**II.**									
	Diseases of the Nervous System and the Organs of Special Sense.	**Enfermedades del Sistema Nervioso y otros Organos del Sentido Especial.**									
61	Meningitis, simple	Meningitis simple		1			1				2
64	Cerebral congestion and hemorrhage	Congestión y hemorragia cerebrales					1	1			2
70	Eclampsia (nonpuerperal)	Eclampsia (no puerperal)						1			1
71	Convulsions of children	Convulsiones en los niños					12	10			22
	III.	**III.**									
	Diseases of the Circulatory System.	**Enfermedades del Aparato Circulatorio.**									
77	Pericarditis	Pericarditis					1				1
80	Angina pectoris	Angina de pecho									
	IV.	**IV.**									
	Diseases of the Respiratory System.	**Enfermedades del Sistema Respiratorio.**									
90	Acute bronchitis	Bronquitis aguda					1	1			2
91	Chronic bronchitis	Bronquitis crónica					2	3			5
92	Broncho-pneumonia	Bronco-pneumonia									
93	Pneumonia	Pneumonia					5				5
	V.	**V.**									
	Diseases of Digestive System.	**Enfermedades del Aparato Digestivo.**									
104	Other affections of the stomach (cancer excepted)	Otras afecciones del estómago (exceptuando el cancer)					1				1
105	Diarrhea and enteritis (under 2 years)	Diarrea y enteritis (en niños menores de 2 años)									
105a	Diarrhea and enteritis, chronic	Diarrea y enteritis crónica					4				4
106	Diarrhea and enteritis (2 years and over)	Diarrea y enteritis (en niños de 2 ó más años)									
116	Simple peritonitis (puerperal excepted)	Peritonitis simple (excepto puerperal)									
	VI.	**VI.**									
	Diseases of the Genito-Urinary System and its Adnexa.	**Enfermedades del Aparato Génito Urinario y sus Anexos.**									
119	Acute nephritis	Nefritis aguda						1			1
120	Bright's disease	Enfermedades de Bright					3	2			5
123	Diseases of the bladder	Enfermedades de la vejiga							1		1
127	Metritis	Metritis						1			1
	VII.	**VII.**									
	The Puerperal State.	**Estado Puerperal.**									
138	Albuminuria and puerperal eclampsia	Albumimuria y eclampsia puerperal									
	XI.	**XI.**									
	Early Infancy.	**Enfermedades de la Infancia.**									
151	Congenital debility, icterus, and sclerema	Debilidad congénita, ictericia y escleroma					1	2			3
	XIII.	**XIII.**									
	Affections Produced by External Causes.	**Afecciones Producidas por Causas Externas.**									
167	Burns	Quemadura, escaldado									
172	Accidental submersion	Submersión accidental									
	XIV.	**XIV.**									
	Ill-Defined Diseases.	**Enfermedades mal definidas.**									
179	Unspecified or ill-defined causes of death	Causas de muerte no especificadas ó mal definidas					2		2		4
	Total			1	2		57	27	4		91
	Grand total		1		2		84		4		91

NUMBER OF DEATHS BY RACE, SEX, AND AGE (TRANSIENTS INCLUDED).

CAUSE OF DEATH.	Less than one day to thirty days.								From thirty days to one year.								From one to five years.								From five to ten years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
I. General Diseases.																																
1. Typhoid fever (abdominal typhus)																														1		
2. Exanthematic typhus																																
3. Recurrent fever																																
4. Intermittent fever and malarial cachexia																					1											
4a. Malarial cachexia														1																		
5. Variola																																
6. Measles																																
7. Scarlatina																																
8. Whooping cough																					1											
9. Diphtheria and croup																																
9a. Diphtheria													1																			
10. Grippe																																
11. Miliary fever																																
12. Asiatic cholera																																
13. Cholera nostras																																
14. Dysentery													1								2	1							1	2		
14a. Epidemic dysentery																																
15. Plague																																
16. Yellow fever																																
17. Leprosy																																
18. Erysipelas																																
19. Other epidemic affections																						1							1	1		
20. Purulent infection and septicæmia																																
21. Glanders and farcy																																
22. Malignant pustule and anthrax																																
23. Rabies																																
24. Actinomycosis, trichinosis, etc																																
25. Pellagra																																
26. Tuberculosis of larynx																					1	1										
27. Tuberculosis of lungs																						1										
28. Tuberculosis of meninges														3								2										
29. Tuberculosis of abdomen																					1											
30. Pott's disease																																
31. Cold abscess and abscess by congestion					1																											
32. White swellings																																
33. Tuberculosis of other organs																																
34. Generalized tuberculosis																																
35. Scrofula																																
36. Syphilis																																
37. Gonorrhea of the adult																																
38. Gonococcic infections of children																																
39. Cancer and other malignant tumors of the buccal cavity																																
40. Cancer and other malignant tumors of the stomach and liver																																
41. Cancer and other malignant tumors of peritoneum, intestines, and rectum																																
42. Cancer and other malignant tumors of the female genitals																																
43. Cancer and other malignant tumors of the breast																																
44. Cancer and other malignant tumors of the skin																																
45. Cancer and other malignant tumors of other organs and organs not specified																																
46. Other tumors (tumors of the female genitals excepted)																																
47. Acute articular rheumatism																																
48. Chronic rheumatism and gout																																
49. Scurvy																																
50. Diabetes																																
51. Exophthalmic goiter																																
52. Addison's disease																																
53. Leukæmia																																
54. Anæmia, chlorosis																					1											
55. Other general diseases																																
56. Acute alcoholism or chronic																																
57. Lead poisoning																																
58. Other poisonings incident to occupations																																
59. Other chronic poisonings																																
II. Diseases of the Nervous System and the Organs of Special Sense.																																
60. Encephalitis																																
61. Simple meningitis										1			11	8							4	3								1		
61a. Epidemic cerebro-spinal meningitis																																
62. Progressive locomotor ataxia																																
63. Other diseases of the spinal cord																																
64. Cerebral congestion and hemorrhage																																
65. Cerebral softening																																
66. Paralysis without apparent cause																																
67. General paralysis																																
68. Other forms of insanity																																
69. Epilepsy																					1											
70. Eclampsia (nonpuerperal)					4	1							14	7																		
71. Convulsions of children					38	37							147	129							1	1										
72. Tetanus					6	3																							1			
73. Chorea																																

NUMBER OF DEATHS BY RACE, SEX, AND AGE, ETC.—Continued.

CAUSE OF DEATH.	Less than one day to thirty days.								From thirty days to one year.								From one to five years.								From five to ten years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
II—Continued.																																
Diseases of the Nervous System and the Organs of Special Sense—Continued.																																
74. Other diseases of the nervous system					1										1						1											
75. Diseases of the eye and its adnexa																						1										
76. Diseases of the ear																																
III.																																
Diseases of the Circulatory System.																																
77. Pericarditis																																
78. Acute endocarditis																																
79. Organic disease of the heart																																
80. Angina pectoris																																
81. Affections of the arteries (atheroma, aneurism, etc.)																																
82. Embolus and thrombosis															1																	
83. Affections of the veins (varices, hemorrhoides, phlebitis)																																
84. Affections of the lymphatic system (lymphangitis, etc.)																																
85. Hemorrhages																																
86. Other affections of the circulatory system																																
IV.																																
Diseases of the Respiratory System.																																
87. Diseases of the nasal fosse																																
88. Affections of the larynx																																
89. Affections of the thyroid body																																
90. Acute bronchitis						2							11	17							3	3								1		
91. Chronic bronchitis													25	26							2	3								1		
92. Broncho-pneumonia													1	1							1											
93. Pneumonia													1									1										
94. Pleurisy																																
95. Pulmonary congestion and apoplexy																																
96. Gangrene of the lungs																																
97. Asthma																																
98. Pulmonary emphysema																																
99. Other diseases of the respiratory system (phthisis excepted)																																
V.																																
Diseases of the Digestive System.																																
100. Affections of the mouth and its adnexa																																
101. Affections of the pharynx																																
102. Affections of the esophagus																																
103. Ulcer of the stomach																																
104. Other affections of the stomach (cancer excepted													1																			
105. Diarrhea and enteritis (under 2 years)													10	3																		
105a. Chronic diarrhea and enteritis													7	8							9	12								1		
106. Diarrhea and enteritis (2 years and over)																					1	1										
107. Intestinal parasites																					1								1			
108. Hernias: Intestinal obstructions																																
109. Other affections of the intestines																																
110. Acute yellow atrophy of the liver																																
111. Hydatid tumors of the liver																																
112. Cirrhosis of the liver																																
113. Biliary calculi																																
114. Other affections of the liver																																
115. Affections of the spleen																																
116. Simple peritonitis (puerperal excepted)						1																										
117. Other affections of the digestive system (cancer and tuberculosis excepted)																																
118. Appendicitis and abscess of the iliac fossa																																
VI.																																
Diseases of the Genito-Urinary System and its Adnexa.																																
119. Acute nephritis													1																	1		
120. Bright's disease																					1											
121. Other diseases of the kidneys and their adnexa																																
122. Calculi of the urinary tract																																
123. Diseases of the bladder																																
124. Diseases of the urethra, urinary abscess, etc																																
125. Diseases of the prostate																																
126. Nonvenereal diseases of the male genital organs																																
127. Metritis																																
128. Uterine hemorrhage (nonpuerperal)																																
129. Tumor, uterine (noncancerous)																																
130. Other diseases of the uterus																																
131. Cysts and other tumors of the ovary																																
132. Other diseases of the female genital organs																																
133. Nonpuerperal diseases of the breast (cancer excepted)																																

NUMBER OF DEATHS BY RACE, SEX, AND AGE, ETC.—Continued.

CAUSE OF DEATH.	Less than one day to thirty days.								From thirty days to one year.								From one to five years.								From five to ten years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
VII.																																
The Puerperal State.																																
134. Accidents of pregnancy																																
135. Puerperal hemorrhage																																
136. Other accidents of labor																																
137. Puerperal septicæmia																																
138. Albuminuria and puerperal eclampsia																																
139. Puerperal phlegmasia—alba dolens																																
140. Other puerperal accidents—sudden death																																
141. Puerperal diseases of the breast																																
VIII.																																
Diseases of the Skin and Cellular Tissue.																																
142. Gangrene																																
143. Furuncle																																
144. Warm-acute abscess																																
145. Other diseases of the skin and its adnexa																																
IX.																																
Diseases of the Organs of Locomotion.																																
146. Affections of the bones (nontuberculous)																																
147. Diseases of the joints (tuberculosis and rheumatism excepted)																																
148. Amputation																																
149. Other affections of the organs of locomotion																																
X.																																
Malformations.																																
150. Congenital malformations (stillbirths excepted)																																
XI.																																
Early Infancy.																																
151. Congenital debility, icterus and sclerema					24	13				1			1	2																		
152. Other special diseases of early infancy					3									3							1	2								1		
153. Lack of care																																
XII.																																
Old age.																																
154. Senile debility																																
XIII.																																
Affections Produced by External Causes.																																
155. Suicide by poison																																
156. Suicide by asphyxia																																
157. Suicide by hanging or strangulation																																
158. Suicide by submersion																																
159. Suicide by firearms																																
160. Suicide by cutting instruments																																
161. Suicide by jumping from high place																																
162. Suicide by crushing																																
163. Other suicides																																
164. Fractures																																
165. Dislocations																																
166. Other accidental traumatisms																																
167. Burns													1																			
168. Burning by corrosive substances																																
169. Insolation																																
170. Freezing																																
171. Electrical shocks																																
172. Accidental submersion																																
173. Inanition																																
174. Inhalation of deleterious gases (suicide excepted)																																
175. Other acute poisonings																																
176. Other external violence																																
XIV.																																
Ill-Defined Diseases.																																
177. Dropsy													1																			
178. Sudden death																																
179. Unspecified or ill-defined causes of death													1																			
Total					77	57				2			235	210							33	33							4	10		
Grand total					134				2				445								66								14			

NUMBER OF DEATHS BY RACE, SEX, AND AGE, ETC.—Continued.

CAUSE OF DEATH.	From ten to fifteen years								From fifteen to twenty years.								From twenty to twenty-five years								From twenty-five to thirty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
I. General Diseases.																																
1. Typhoid fever (abdominal typhus)					1	2							2	1							1	2							1			
2. Exanthematic typhus																																
3. Recurrent fever																																
4. Intermittent fever and malarial cachexia													4								3	2							1	1		
4a. Malarial cachexia																																
5. Variola																																
6. Measles																																
7. Scarlatina																																
8. Whooping cough																																
9. Diphtheria and croup																																
9a. Diphtheria																																
10. Grippe																					1											
11. Miliary fever																																
12. Asiatic cholera																																
13. Cholera nostras																																
14. Dysentery					1									1							3								1		3	
14a. Epidemic dysentery																																
15 Plague																																
16 Yellow fever																																
17. Leprosy																													1			
18. Erysipelas																																
19. Other epidemic affections					1	1							1	1	1						1	3							4	3		
20. Purulent infection and septicæmia														1																		
21. Glanders and farcy																													1			
22. Malignant pustule and anthrax																																
23. Rabies																																
24. Actinomycosis, trichinosis, etc																																
25. Pellagra																																
26. Tuberculosis of larynx																					1								2			
27. Tuberculosis of lungs					1								6	2							7	4					1	1	7	2	2	
28. Tuberculosis of meninges																																
29. Tuberculosis of abdomen													1																			
30. Pott's disease																																
31. Cold abscess and abscess by congestion																																
32. White swellings																																
33. Tuberculosis of other organs																																
34. Generalized tuberculosis																					1									1		
35. Scrofula																																
36. Syphilis																																
37. Gonorrhea of the adult																																
38. Gonococcic infections of children																																
39. Cancer and other malignant tumors of the buccal cavity																																
40. Cancer and other malignant tumors of the stomach and liver																																
41. Cancer and other malignant tumors of peritoneum, intestines, and rectum																																
42. Cancer and other malignant tumors of the female genitals																																
43. Cancer and other malignant tumors of the breast																																
44. Cancer and other malignant tumors of the skin																																
45. Cancer and other malignant tumors of other organs and organs not specified													1																			
46. Other tumors (tumors of the female genitals excepted)																																
47 Acute articular rheumatism														1							1											
48. Chronic rheumatism and gout																																
49. Scurvy																																
50. Diabetes																																
51. Exophthalmic, goiter																																
52. Addison's disease																																
53. Leukæmia																																
54. Anæmia, chlorosis														2																1		
55, Other general diseases																																
56. Acute alcoholism or chronic																																
57. Lead-poisoning																																
58. Other poisonings incident to occupations																																
59. Other chronic poisonings																																
II. Diseases of the Nervous System and the Organs of Special Sense.																																
60. Encephalitis																														2		
61. Simple meningitis																																
61a. Epidemic cerebro-spinal meningitis																																
62. Progressive locomotor ataxia																																
63 Other diseases of the spinal cord																																
64. Cerebral congestion and hemorrhage													1																2			
65. Cerebral softening																																
66 Paralysis without apparent cause																																
67. General paralysis														1																1		
68. Other forms of insanity																																
69 Epilepsy													1																			
70. Eclampsia (nonpuerperal)																																
71. Convulsions of children																																
72. Tetanus																																
73. Chorea																																

NUMBER OF DEATHS BY RACE, SEX, AND AGE, ETC.—Continued.

CAUSE OF DEATH.	From ten to fifteen years.								From fifteen to twenty years.								From twenty to twenty-five years.								From twenty-five to thirty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
II—Continued.																																
Diseases of the Nervous System and the Organs of Special Sense—Continued.																																
74. Other diseases of the nervous system																																
75. Diseases of the eye and its adnexa																																
76. Diseases of the ear																																
III.																																
Diseases of the Circulatory System.																																
77. Pericarditis																																
78. Acute endocarditis					1																								1			
79. Organic disease of the heart														1							2	1							1			
80. Angina pectoris																																
81. Affections of the arteries (atheroma, aneurism, etc.)																																
82. Embolus and thrombosis																																
83. Affections of the veins (varices, hemorrhoides, phlebitis)																																
84. Affections of the lymphatic system (lymphangitis, etc.)																																
85. Hemorrhages																																
86. Other affections of the circulatory system																																
IV.																																
Diseases of the Respiratory System.																																
87. Diseases of the nasal fossæ																																
88. Affections of the larynx																																
89. Affections of the thyroid body																																
90. Acute bronchitis																																
91. Chronic bronchitis																																
92. Broncho-pneumonia						1																										
93. Pneumonia																					2	1										
94. Pleurisy													1																			
95. Pulmonary congestion and apoplexy																																
96. Gangrene of the lungs																																
97. Asthma																																
98. Pulmonary emphysema																																
99. Other diseases of the respiratory system (phthisis excepted)																																
V.																																
Diseases of the Digestive System.																																
100. Affections of the mouth and its adnexa																																
101. Affections of the pharynx																																
102. Affections of the esophagus																																
103. Ulcer of the stomach																																
104. Other affections of the stomach (cancer excepted)																																
105. Diarrhea and enteritis (under 2 years)																																
105a. Chronic diarrhea and enteritis													1									2										
106. Diarrhea and enteritis (2 years and over)																					1											
107. Intestinal parasites																																
108. Hernias: Intestinal obstructions																																
109. Other affections of the intestines																													1			
110. Acute yellow atrophy of the liver																																
111. Hydatid tumors of the liver																																
112. Cirrhosis of the liver																													1			
113. Biliary calculi																																
114. Other affections of the liver																																
115. Affections of the spleen																																
116. Simple peritonitis (puerperal excepted)													2	1																		
117. Other affections of the digestive system (cancer and tuberculosis excepted)																																
118. Appendicitis and abscess of the iliac fossa																																
VI.																																
Diseases of the Genito-Urinary System and its Adnexa.																																
119. Acute nephritis																																
120. Bright's disease														1															1	1		
121. Other diseases of the kidneys and their adnexa																																
122. Calculi of the urinary tract																																
123. Diseases of the bladder																																
124. Diseases of the urethra, urinary abscess, etc																																
125. Diseases of the prostate																																
126. Nonvenereal diseases of the male genital organs																																
127. Metritis																						1								1		
128. Uterine hemorrhage (nonpuerperal)																																
129. Tumor, uterine (noncancerous)																																
130. Other diseases of the uterus																																
131. Cysts and other tumors of the ovary																																
132. Other diseases of the female genital organs																																
133. Nonpuerperal diseases of the breast (cancer excepted)																																

NUMBER OF DEATHS BY RACE, SEX, AND AGE, ETC.—Continued.

CAUSE OF DEATH.	From ten to fifteen years.								From fifteen to twenty years.								From twenty to twenty-five years.								From twenty-five to thirty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
VII.																																
The Puerperal State.																																
134. Accidents of pregnancy																																
135. Puerperal hemorrhage																						1								1		
136. Other accidents of labor																																
137. Puerperal septicæmia																						4								3		
138. Albuminuria and puerperal eclampsia															1																	
139. Puerperal phlegmasia—alba dolens																																
140. Other puerperal accidents—sudden death																																
141. Puerperal diseases of the breast																																
VIII.																																
Diseases of the Skin and Cellular Tissue.																																
142. Gangrene																																
143. Furuncle																																
144. Warm-acute abscess																																
145. Other diseases of the skin and its adnexa																																
IX.																																
Diseases of the Organs of Locomotion.																																
146. Affections of the bones (nontuberculous)																																
147. Diseases of the joints (tuberculosis and rheumatism excepted)																																
148. Amputation																																
149. Other affections of the organs of locomotion																																
X.																																
Malformations.																																
150. Congenital malformations (stillbirths excepted)																																
XI.																																
Early Infancy.																																
151. Congenital debility, icterus and sclerema																																
152. Other special diseases of early infancy																																
153. Lack of care																																
XII.																																
Old age.																																
154. Senile debility																																
XIII.																																
Affections Produced by External Causes.																																
155. Suicide by poison																																
156. Suicide by asphyxia																																
157. Suicide by hanging or strangulation																																
158. Suicide by submersion																																
159. Suicide by firearms																																
160. Suicide by cutting instruments																																
161. Suicide by jumping from high place																																
162. Suicide by crushing																																
163. Other suicides																																
164. Fractures													1																			
165. Dislocations																																
166. Other accidental traumatisms																													1			
167. Burns													1																			
168. Burning by corrosive substances																																
169. Insolation																																
170. Freezing																																
171. Electrical shocks																																
172. Accidental submersion																					1											
173. Inanition																																
174. Inhalation of deleterious gases (suicide excepted)																																
175. Other acute poisonings																																
176. Other external violence																																
XIV.																																
Ill-Defined Diseases.																																
177. Dropsy																																
178. Sudden death																																
179. Unspecified or ill-defined causes of death																					1								1			
Total					5	4							23	14	1						26	21					1	1	26	18	5	
Grand total					9								37		1						47						2		44		5	

NUMBER OF DEATHS BY RACE, SEX, AND AGE, ETC.—Continued.

CAUSE OF DEATH.	From thirty to thirty-five years.								From thirty-five to forty years.								From forty to forty-five years.								From forty-five to fifty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M	F.	M.	F.
I.																																
General Diseases.																																
1. Typhoid fever (abdominal typhus)									1														1									
2. Exanthematic typhus																																
3. Recurrent fever																																
4. Intermittent fever and malarial cachexia					1										1						4	1										
4a. Malarial cachexia																																
5. Variola																																
6 Measles																																
7. Scarlatina																																
8. Whooping cough																																
9. Diphtheria and croup																																
9a. Diphtheria																																
10. Grippe																																
11. Miliary fever																																
12. Asiatic cholera																																
13. Cholera nostras																																
14. Dysentery					1								4									1	1						1	1		
14a. Epidemic dysentery																																
15. Plague																																
16. Yellow fever																																
17. Leprosy																																
18. Erysipelas																																
19. Other epidemic affections					4	4							3	3							1	1							2		1	
20. Purulent infection and septicæmia													1																			
21. Glanders and farcy																																
22. Malignant pustule and anthrax																																
23. Rabies																																
24. Actinomycosis, trichinosis, etc																																
25. Pellagra																																
26. Tuberculosis of larynx					1																1	1								1		
27. Tuberculosis of lungs					11	4							4	3	1						6	1	1						2	2	2	
28. Tuberculosis of meninges																																
29. Tuberculosis of abdomen																																
30. Pott's disease																																
31. Cold abscess and abscess by congestion																																
32. White swellings																																
33. Tuberculosis of other organs																																
34. Generalized tuberculosis																																
35. Scrofula																																
36. Syphilis							1																									
37. Gonorrhea of the adult																																
38. Gonococcic infections of children																																
39. Cancer and other malignant tumors of the buccal cavity																																
40. Cancer and other malignant tumors of the stomach and liver																																
41. Cancer and other malignant tumors of peritoneum, intestines, and rectum																																
42. Cancer and other malignant tumors of the female genitals																																
43. Cancer and other malignant tumors of the breast																																
44. Cancer and other malignant tumors of the skin																																
45. Cancer and other malignant tumors of other organs and organs not specified			1																										1			
46. Other tumors (tumors of the female genitals excepted)																																
47. Acute articular rheumatism																																
48. Chronic rheumatism and gout					1									1																1		
49. Scurvy																																
50. Diabetes																																
51. Exophthalmic goiter																																
52. Addison's disease																																
53. Leukæmia																																
54. Anæmia, chlorosis																																
55. Other general diseases					1																											
56. Acute alcoholism or chronic																																
57. Lead poisoning																																
58. Other poisonings incident to occupations																																
59. Other chronic poisonings											1																					
II.																																
Diseases of the Nervous System and the Organs of Special Sense.																																
60. Encephalitis																																
61. Simple meningitis																																
61a. Epidemic cerebro-spinal meningitis																																
62. Progressive locomotor ataxia																																
63. Other diseases of the spinal cord																																
64. Cerebral congestion and hemorrhage					1	1							1		1							1										
65. Cerebral softening																																
66. Paralysis without apparent cause																																
67. General paralysis																																
68. Other forms of insanity															1								1									
69. Epilepsy																																
70. Eclampsia (nonpuerperal)																																
71. Convulsions of children																																
72. Tetanus																																
73. Chorea																																

NUMBER OF DEATHS BY RACE, SEX, AND AGE, ETC.—Continued.

CAUSE OF DEATH.	From thirty to thirty-five years.								From thirty-five to forty years.								From forty to forty-five years.								From forty-five to fifty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
II—Continued.																																
Diseases of the Nervous System and the Organs of Special Sense—Continued.																																
74. Other diseases of the nervous system																																
75. Diseases of the eye and its adnexa																																
76. Diseases of the ear																																
III.																																
Diseases of the Circulatory System.																																
77. Pericarditis					1																											
78. Acute endocarditis					1																								1			
79. Organic disease of the heart						1	1						2	1																1	2	
80. Angina pectoris					1																											
81. Affections of the arteries (atheroma, aneurism, etc.)																																
82. Embolus and thrombosis																																
83. Affections of the veins (varices, hemorrhoides, phlebitis)																																
84. Affections of the lymphatic system (lymphangitis, etc.)																																
85. Hemorrhages																																
86. Other affections of the circulatory system																																
IV.																																
Diseases of the Respiratory System.																																
87. Diseases of the nasal fossæ																																
88. Affections of the larynx																																
89. Affections of the thyroid body																																
90. Acute bronchitis																																
91. Chronic bronchitis																															1	
92. Broncho-pneumonia						1																										
93. Pneumonia													2																1			
94. Pleurisy																																
95. Pulmonary congestion and apoplexy																																
96. Gangrene of the lungs																																
97. Asthma																																
98. Pulmonary emphysema																																
99. Other diseases of the respiratory system (phthisis excepted)																																
V.																																
Diseases of the Digestive System.																																
100. Affections of the mouth and its adnexa																					1											
101. Affections of the pharynx																																
102. Affections of the esophagus																																
103. Ulcer of the stomach																																
104. Other affections of the stomach (cancer excepted)													1																	1		
105. Diarrhea and enteritis (under 2 years)																																
105a. Chronic diarrhea and enteritis																																
106. Diarrhea and enteritis (2 years and over)																																
107. Intestinal parasites																																
108. Hernias: Intestinal obstructions																					1											
109. Other affections of the intestines													1																			
110. Acute yellow atrophy of the liver									1												1											
111. Hydatid tumors of the liver																																
112. Cirrhosis of the liver													1																1			
113. Biliary calculi																																
114. Other affections of the liver																																
115. Affections of the spleen																																
116. Simple peritonitis (puerperal excepted)																																
117. Other affections of the digestive system (cancer and tuberculosis excepted)																					1											
118. Appendicitis and abscess of the iliac fossa																																
VI.																																
Diseases of the Genito-Urinary System and its Adnexa.																																
119. Acute nephritis																														1		
120. Bright's disease						1																	1						1			
121. Other diseases of the kidneys and their adnexa																																
122. Calculi of the urinary tract																																
123. Diseases of the bladder																							1									
124. Diseases of the urethra, urinary abscess, etc																																
125. Diseases of the prostate																																
126. Nonvenereal diseases of the male genital organs																																
127. Metritis																																
128. Uterine hemorrhage (nonpuerperal)																																
129. Tumor, uterine (noncancerous)																																
130. Other diseases of the uterus																																
131. Cysts and other tumors of the ovary																																
132. Other diseases of the female genital organs																																
133. Nonpuerperal diseases of the breast (cancer excepted)																																

NUMBER OF DEATHS BY RACE, SEX, AND AGE, ETC.—Continued.

CAUSE OF DEATH.	From thirty to thirty-five years.								From thirty-five to forty years.								From forty to forty-five years.								From forty-five to fifty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
VII. The Puerperal State.																																
134. Accidents of pregnancy																																
135. Puerperal hemorrhage						3																										
136. Other accidents of labor														1																		
137. Puerperal septicæmia														1																		
138. Albuminuria and puerperal eclampsia																																
139. Puerperal phlegmasia—alba dolens																																
140. Other puerperal accidents—sudden death																																
141. Puerperal diseases of the breast																																
VIII. Diseases of the Skin and Cellular Tissue.																																
142. Gangrene																																
143. Furuncle																																
144. Warm-acute abscess																																
145. Other diseases of the skin and its adnexa																																
IX. Diseases of the Organs of Locomotion.																																
146. Affections of the bones (nontuberculous)																																
147. Diseases of the joints (tuberculosis and rheumatism excepted)																																
148. Amputation																																
149. Other affections of the organs of locomotion																																
X. Malformations.																																
150. Congenital malformations (stillbirths excepted)																																
XI. Early Infancy.																																
151. Congenital debility, icterus and sclerema																																
152. Other special diseases of early infancy																																
153. Lack of care																																
XII. Old Age.																																
154. Senile debility																																
XIII. Affections Produced by External Causes.																																
155. Suicide by poison																																
156. Suicide by asphyxia																																
157. Suicide by hanging or strangulation																																
158. Suicide by submersion																																
159. Suicide by firearms																																
160. Suicide by cutting instruments																																
161. Suicide by jumping from high place																																
162. Suicide by crushing																																
163. Other suicides																																
164. Fractures																																
165. Dislocations																																
166. Other accidental traumatisms													1																			
167. Burns																																
168. Burning by corrosive substances																																
169. Insolation																																
170. Freezing																																
171. Electrical shocks																																
172. Accidental submersion																																
173. Inanition																																
174. Inhalation of deleterious gases (suicide excepted)																																
175. Other acute poisonings																																
176. Other external violence																																
XIV. Ill-Defined Diseases.																																
177. Dropsy																																
178. Sudden death																																
179. Unspecified or ill-defined causes of death					1																										1	
Total			1		25	15	2		2		1		21	10	4						16	6	6						10	8	7	
Grand total			1		40		2		2		1		31		4						22		6						18		7	

NUMBER OF DEATHS BY RACE, SEX, AND AGE, ETC.—Continued.

CAUSE OF DEATH.	From fifty upward.								Unknown.								Total.								Grand total.
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
I.																									
General Diseases.																									
1. Typhoid fever (abdominal typhus)																	1				5	6	1		13
2. Exanthematic typhus																									
3. Recurrent fever																									
4. Intermittent fever and malarial cachexia					3	2															17	6	1		24
4a. Malarial cachexia																						1			1
5. Variola																									
6. Measles																									
7. Scarlatina																									
8. Whooping cough																					1				1
9. Diphtheria and croup																									
9a. Diphtheria																					1				1
10. Grippe																					1				1
11. Miliary fever																									
12. Asiatic cholera																									
13. Cholera nostras																									
14. Dysentery					2	2															17	8	4		29
14a. Epidemic dysentery																									
15. Plague																									
16. Yellow fever																									
17. Leprosy																					1				1
18. Erysipelas																									
19. Other epidemic affections					4	3															22	21	2		45
20. Purulent infection and septicæmia																					1	1			2
21. Glanders and farcy																					1				1
22. Malignant pustule and anthrax																									
23. Rabies																									
24. Actinomycosis, trichinosis, etc																									
25. Pellagra																									
26. Tuberculosis of larynx					1	2															7	5			12
27. Tuberculosis of lungs					5	4	1												1	1	49	23	7		81
28. Tuberculosis of meninges																						5			5
29. Tuberculosis of abdomen																					2				2
30. Pott's disease																									
31. Cold abscess and abscess by congestion																					1				1
32. White swellings																									
33. Tuberculosis of other organs																									
34. Generalized tuberculosis																					1	1			2
35. Scrofula																									
36. Syphilis																							1		1
37. Gonorrhea of the adult																									
38. Gonococcic infections of children																									
39. Cancer and other malignant tumors of the buccal cavity																									
40. Cancer and other malignant tumors of the stomach and liver																									
41. Cancer and other malignant tumors of peritoneum, intestines, and rectum						1																1			1
42. Cancer and other malignant tumors of the female genitals																									
43. Cancer and other malignant tumors of the breast																									
44. Cancer and other malignant tumors of the skin																									
45. Cancer and other malignant tumors of other organs and organs not specified						1													1		2	1			4
46. Other tumors (tumors of the female genitals excepted)																									
47. Acute articular rheumatism																					1	1			2
48. Chronic rheumatism and gout					4	2															5	4			9
49. Scurvy																									
50. Diabetes				1																1					1
51. Exophthalmic goiter																									
52. Addisson's disease																									
53. Leukæmia																									
54. Anæmia, chlorosis																					1	3			4
55. Other general diseases																					1				1
56. Acute alcoholism or chronic																									
57. Lead poisoning																									
58. Other poisonings incident to occupations																									
59. Other chronic poisonings																			1						1
II.																									
Diseases of the Nervous System and the Organs of Special Sense.																									
60. Encephalitis																									
61. Simple meningitis																		1			15	14			30
61a. Epidemic cerebro-spinal meningitis																									
62. Progressive locomotor ataxia																									
63. Other diseases of the spinal cord																									
64. Cerebral congestion and hemorrhage					3	4															8	6	1		15
65. Cerebral softening																									
66. Paralysis without apparent cause							1																1		1
67. General paralysis						1																3			3
68. Other forms of insanity																							2		2
69. Epilepsy																					2				2
70. Eclampsia (nonpuerperal)																					18	8			26
71. Convulsions of children																					186	167			353
72. Tetanus																					7	3			10
73. Chorea																									

NUMBER OF DEATHS BY RACE, SEX, AND AGE, ETC.—Continued.

CAUSE OF DEATH.	From fifty upward.								Unknown.								Total.								Grand total.
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
II—Continued.																									
Diseases of the Nervous System and the Organs of Special Sense—Continued.																									
74. Other diseases of the nervous system																					2	1			3
75. Diseases of the eye and its adnexa																						1			1
76. Diseases of the ear																									
III.																									
Diseases of the Circulatory System.																									
77. Pericarditis																					1				1
78. Acute endocarditis																					3	1			4
79. Organic disease of the heart					1	2															6	7	3		16
80. Angina pectoris																					1				1
81. Affections of the arteries (atheroma, aneurism, etc.)																									
82. Embolus and thrombosis																						1			1
83. Affections of the veins (varices, hemorrhoides, phlebitis)																									
84. Affections of the lymphatic system (lymphangitis, etc.)																									
85. Hemorrhages																									
86. Other affections of the circulatory system																									
IV.																									
Diseases of the Respiratory System.																									
87. Diseases of the nasal fossæ																									
88. Affections of the larynx																									
89. Affections of the thyroid body																									
90. Acute bronchitis																					14	23			37
91. Chronic bronchitis					1		1														28	30	2		60
92. Broncho-pneumonia																					2	3			5
93. Pneumonia					1																7	2			9
94. Pleurisy																					1				1
95. Pulmonary congestion and apoplexy																									
96. Gangrene of the lungs																									
97. Asthma					3	1															3	1			4
98. Pulmonary emphysema																									
99. Other diseases of the respiratory system (phthisis excepted)						1																1			1
V.																									
Diseases of the Digestive System.																									
100. Affections of the mouth and its adnexa																					1				1
101. Affections of the pharynx																									
102. Affections of the esophagus																									
103. Ulcer of the stomach						1																1			1
104. Other affections of the stomach (cancer excepted)						1															2	2			4
105 Diarrhea and enteritis (under 2 years)																					10	3			13
105a Chronic diarrhea and enteritis					3	2															20	25			45
106. Diarrhea and enteritis (2 years and over)																					2	1			3
107. Intestinal parasites																					2				2
108. Hernias: Intestinal obstructions					1																2				2
109. Other affections of the intestines																					2				2
110. Acute yellow atrophy of the liver																	1				1				2
111. Hydatid tumors of the liver																									
112. Cirrhosis of the liver					1																4				4
113. Biliary calculi						1																1			1
114. Other affections of the liver																									
115. Affections of the spleen																									
116. Simple peritonitis (puerperal excepted)						1															2	3			5
117. Other affections of the digestive system (cancer and tuberculosis excepted)																					1				1
118. Appendicitis and abscess of the iliac fossa																									
VI.																									
Diseases of the Genito-Urinary System and its Adnexa.																									
119. Acute nephritis						1															1	3			4
120. Bright's disease				1	3	3													1		6	6	1		14
121. Other diseases of the kidneys and their adnexa																									
122. Calculi of the urinary tract																									
123. Diseases of the bladder																							1		1
124. Diseases of the urethra, urinary abscess, etc																									
125. Diseases of the prostate																									
126. Nonvenereal diseases of the male genital organs																									
127. Metritis																						2			2
128. Uterine hemorrhage (nonpuerperal)																									
129. Tumor, uterine (noncancerous)																									
130. Other diseases of the uterus																									
131. Cysts and other tumors of the ovary																									
132. Other diseases of the female genital organs																									
133. Nonpuerperal diseases of the breast (cancer excepted)																									

NUMBER OF DEATHS BY RACE, SEX, AND AGE, ETC.—Continued.

CAUSE OF DEATH.	From fifty upward.								Unknown.								Total.								Grand total.
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
VII.																									
The Puerperal State.																									
134. Accidents of pregnancy																									
135. Puerperal hemorrhage																					5				5
136. Other accidents of labor																					1				1
137. Puerperal septicæmia																					8				8
138. Albuminuria and puerperal eclampsia																					1				1
139. Puerperal phlegmasia—alba dolens																									
140. Other puerperal accidents—sudden death																									
141. Puerperal diseases of the breast																									
VIII.																									
Diseases of the Skin and Cellular Tissue.																									
142. Gangrene																									
143. Furuncle																									
144. Warm-acute abscess																									
145. Other diseases of the skin and its adnexa																									
IX.																									
Diseases of the Organs of Locomotion.																									
146. Affections of the bones (nontuberculous)																									
147. Diseases of the joints (tuberculosis and rheumatism excepted)																									
148. Amputation																									
149. Other affections of the organs of locomotion																									
X.																									
Malformations.																									
150. Congenital malformations (stillbirths excepted)																									
XI.																									
Early Infancy.																									
151. Congenital debility, icterus and sclerema																		1			25	15			41
152. Other special diseases of early infancy																					4	6			10
153. Lack of care																									
XII.																									
Old Age.																									
154. Senile debility					12	16	2														12	16	2		30
XIII.																									
Affections Produced by External Causes.																									
155. Suicide by poison																									
156. Suicide by asphyxia																									
157. Suicide by hanging or strangulation																									
158. Suicide by submersion																									
159. Suicide by firearms																									
160. Suicide by cutting instruments																									
161. Suicide by jumping from high place																									
162. Suicide by crushing																									
163. Other suicides																									
164. Fractures																					1				1
165. Dislocations																									
166. Other accidental traumatisms																					2				2
167. Burns																					2				2
168. Burning by corrosive substances																									
169. Insolation																									
170. Freezing																									
171. Electrical shocks																									
172. Accidental submersion																					1				1
173. Inanition																									
174. Inhalation of deleterious gases (suicide excepted)																									
175. Other acute poisonings																									
176. Other external violence																									
XIV.																									
Ill-Defined Diseases.																									
177. Dropsy																					1				1
178. Sudden death																									
179. Unspecified or ill-defined causes of death							1														4		2		6
Total				2	48	52	6										2	2	3	3	549	458	31		1,048
Grand total			2		100		6										4		6		1,007		31		1,048

Of the total number of deaths occurring during the month of November, 1904, 1,048, including transients, 670 were of persons less than 16 years of age. Of the remaining 378 adults of both sexes, only 230, classified below, had definite occupations:

Sex and occupation.	Number.
Males:	
Blacksmith	1
Boatmen	2
Bookbinder	1
Broker	1
Butcher	1
Carpenters	11
Carriage maker	1
Carrier	1
Cigar makers	3
Clerks	12
Cooks	4
Domestics	4
Draftsman	1
Drivers	5
Embroiderer	1
Farmers	3
Fireman	1
Fishermen	5
Fishmonger	1
Gardener	1
Grass sellers	4
Males—Continued.	
Laborers	55
Laundryman	1
Lithographer	1
Mason	1
Mechanic	1
Merchants	12
Musicians	4
Opium dealer	1
Packer	1
Painter	1
Pharmacist	1
Philippines Constabulary	1
Photographer	1
Policemen	2
Property owner	1
Sailors	3
Silversmith	1
Stewards	2
Stokers	2
Tailors	7
Tinsmith	1
Males—Continued.	
Tobacco classifier	1
Watchmaker	1
Total	166
Females:	
Broker	1
Cigar makers	6
Cook	1
Domestics	5
Dressmakers	2
Embroiderer	1
Laundrywomen	19
Milk sellers	2
Milliner	1
Property owners	4
Seamstresses	17
Shopkeepers	5
Total	64
Grand total	230

Bilibid Prison sick report.

Diseases.	Total sick as per last report.	Taken since last report.	Died.	Discharged.	Total number sick this date.
Acute pericarditis (syncope)		1	1		
Beri-beri	4	3	2	5	
Beri-beri and chronic nephritis		1		1	
Beri-beri, chronic interstitial nephritis, and intestinal amebiasis		1		1	
Bronchitis, acute		3		2	1
Catarrhal enteritis		1		1	
Carcinoma of pectoral muscles and axillary glands (exterpation)		1		1	
Cellulitis of the face		1			1
Cellulitis of external auditory and auricle		1		1	
Chicken pox		1		1	
Chronic interstitial nephritis		3		3	
Chronic interstitial nephritis and lobar pneumonia		2		2	
Chronic endocarditis and interstitial nephritis		1	1		
Chronic interstitial nephritis and acute bronchitis		1			1
Direct inguinal hernia (radical operation)		2		2	
Fecal impaction		4		4	
Fever, malarial intermittent	2	15		16	1
Fever, malarial intermittent and chronic interstitial nephritis		1		1	
Fever, malarial intermittent and acute bronchitis		1		1	
Fever, malarial remittent	1	7	1	3	4
General mesenteric and intestinal tuberculosis		1	1		
Hemoptysis (traumatic		1		1	
Hemorrhoids, acute, and ischio rectal abscess		1		1	
Hydrocele, acute		1		1	
Hydrocele (radical operation)		1		1	
Intestinal amebiasis	4	27	2	27	2
Intestinal amebiasis and chronic interstitial nephritis	1		1		
Intestinal amebiasis, chronic interstitial nephritis, and lobar pneumonia		1		1	
Intestinal indigestion		1		1	
Ischio rectal abscess		3		3	
Lacerated wound of finger (amputation)	1			1	
Laryngitis, acute		1			1
Lobar pneumonia	2	25	5	16	6
Measles		1		1	
Morphinism		1		1	
Multiple abscesses (trichinosis)	1		1		
Orchitis (subacute)		1			1
Pleurisy, acute, and lobar pneumonia		1		1	1
Pregnancy, delivered		1			
Purulent conjunctivitis		1			1
Pulmonary tuberculosis and intestinal amebiasis		1	1		
Pulmonary tuberculosis and chronic interstitial nephritis		1	1		
Purulent peritonitis (old perforation of sigmoid flexure)		1		1	
Pulmonary congestion		3		3	
Rheumatism, acute articulate		1			1
Tuberculosis, pulmonary	47	35	13	11	58
Ulceration of stomach (hematemasis syncope)		1	1		
Total	63	163	31	116	79

Total number prisoners, 4,418; convalescents, 53; disabled, 68; insane, 6.

Bilibid Prison report of deaths.

Disease.	Presidio.				Carcel.				Total.	Condition.				Cemeteries.	
	Filipinos.		Chinese.		Filipinos.		Chinese.			Married.	Single.	Widowers.	Unknown.	Norte.	Loma.
	M.	F.	M.	F.	M.	F.	M.	F.							
Remittent fever					1				1		1			1	
Intestinal amebiasis	1		1		1				3	2	1			3	
Beri-beri					2				2	2				2	
Pulmonary tuberculosis	7				8				15	6	8		1	15	
Abdominal tuberculosis					1				1		1			1	
Acute pericarditis					1				1				1	1	
Chronic endocarditis	1								1		1			1	
Lobar pneumonia	1				4				5	5				5	
Ulcer of the stomach					1				1	1				1	
Multiple abscesses	1								1		1			1	
Total	11		1		19				31	16	13		2	31	

Report of San Lazaro Hospital, Women's and Leper Departments.

	Leper department.[1]							Women's department.[2]				
	Europeans.		Filipinos.		Chinese.		Total.	Americans.	Europeans.	Filipinas.	Japanese.	Total.
	M.	F.	M.	F.	M.	F.						
Number of patients in hospital at last report		1	131	89	1		222		2	36	17	55
Number of patients received during the month			1	1			2	2	3	49	17	71
Number of patients discharged				1			1		2	34	18	54
Number of patients transferred										1		1
Number of deaths			1				1					
Number of patients escaped			1				1					
Number of patients remaining in hospital		1	130	89	1		221	2	3	50	16	71

[1] Admitted for examination, 1 female Filipino, discharged not having leprosy. Died, 1 male Filipino. Escaped, 1 male Filipino.
[2] Discharged cured, 33 Filipinas, 18 Japanese, 2 Europeans. Given into the custody of the police, 1 Filipina. Transferred to smallpox department, 1 Filipina, diagnosis, "measles."

Report of prescriptions filled at the Municipal Dispensaries.

Sanitary districts.	Americans.				Foreigners.				Filipinos.				Chinese.				Total.
	Adults.		Children.		Adults.		Children.		Adults.		Children.		Adults.		Children.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
Health District No. 1, San Nicolas									199	126	34	11					370
Health District No. 2, Tondo	1								221	301	33	49					605
Health District No. 3, Quiapo									197	133	45	36					411
Health District No. 4, Santa Cruz									93	60	44	38					235
Health District No. 5, Sampaloc									130	139	54	60					383
Health District No. 6, Intramuros									97	54	29	27					207
Health District No. 7, Ermita, Malate, etc	1								331	184	92	70					678
Total	2								1,268	997	331	291					2,889

Report of sick and wounded city poor attended by municipal physicians.

Health districts and physicians.	Americans.				Foreigners.				Filipinos.				Chinese.				Total.	Cured.		Deaths.		Number of visits.
	Adults.		Children.		Adults.		Children.		Adults.		Children.		Adults.		Children.							
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.		M.	F.	M.	F.	
No. 1, San Nicolas, Dr. F. Herrera									19	16	7	4					46	10	15	3		236
No. 2, Tondo, Dr. V. Pantoja									44	57	8	13					122	42	63	3	4	341
No. 3, Quiapo, Dr. P. Gabriel									29	33	13	12	[1]1				88	16	15	6	2	264
No. 4, Santa Cruz, Dr. C. Reyes									23	18	10	5					56	21	15	3	2	261
No. 5, Sampaloc, Dr. F. Castañeda									35	66	20	36					157	19	34	6	14	295
No. 6 Intramuros, Dr. V. Cavanna	1				1		1		28	28	12	11					82	16	15	5	4	266
No. 7, Malate, Ermita, etc., Dr. J. B. Cabarrus									26	42	8	11					87	16	34	8	6	243
Total	1				1		1		204	260	78	92	1				638	140	191	34	32	1,906

[1] Japanese subject.

Burials and disinterments.

Cemetery.	Number.
BURIALS.	
Loma (Government)	619
Norte (Government)	84
Paco general (Government)	29
Santa Cruz	14
Balic-balic	119
Binondo	13
Maytubig	41
Malate	66
Pandacan (Romano)	16
Pandacan (Filipino)	15
Chinese	30
Santa Ana	33
American National Cemetery	[1] 2
BURIALS—continued.	
San Pedro Macati	1
Shipped to the provinces (Masbate)	1
Total	1,083
DISINTERMENTS.	
Paco	6
Balic-balic	1
Santa Cruz	1
Chinese	15
Total	23

[1] One American who died at Subic, Zambales, and buried in the American National Cemetery, Manila, not included in the mortality table.

General inspection of houses, premises, vaults, etc., with improvements ordered, disinfected, whitewashed, cleaned, etc., by medical inspectors, sanitary inspectors, and assistant sanitary inspectors.

1. Houses inspected by sanitary inspectors	2,130	26. Number of cholera cases reported by assistant sanitary inspectors	0
2. Houses reinspected for verification of work ordered	689	27. Number of cholera cases reported by Auxiliary Advisory Board	0
3. Houses inspected by assistant sanitary inspectors	34,661	28. Number of cholera cases found "alive"	0
4. Houses reinspected by assistant sanitary inspectors	8,448	29. Number of cholera cases found "dead"	0
5. Houses ordered cleaned (written)	4	30. Number of orders issued during the month	41
6. Houses ordered cleaned (verbal)	7,132	31. Number of orders complied with during the month	24
7. Houses cleaned	6,676	32. Number of orders awaiting action	24
8. Houses ordered whitewashed and painted	28	33. Number of orders pending in court	0
9. Houses whitewashed and painted	5	34. Number of food tiendas in districts	1,597
10. Houses disinfected	109	35. Number of persons convicted for violation of food-prohibition order	0
11. Houses recommended condemned and removed	31	36. Average in visiting each street and barrio during month	3
12. Houses condemned and removed	0	37. Number of regular inspectors on duty	17
13. Number of localities where "squatters" are located	55	38. Number of emergency inspectors on duty	4
14. Number of samples of water, foods, etc., sent to Laboratory	8	39. Number of leper cases sent to San Lazaro Hospital	1
15. Number of reports from same	0	40. Number of plague cases reported	0
16. Number of fire plugs opened or closed for sanitary purposes	0	41. Number of smallpox cases reported	0
17. Number of hydrants recommended reopened	0	42. Houses in which traps are set	15,116
18. Number of houses where garbage has not been removed for two days	178	43. Houses in which bane is placed	0
19. Number of persons reported sick to municipal physicians	403	44. Traps set	49,652
20. Cesspools and vaults ordered cleaned	163	45. Plates with ratsbane placed	0
21. Cesspools cleaned	163	46. Rats caught by rat catchers	7,271
22. Yards ordered cleaned	3,010	47. Rats caught by traps	7,206
23. Yards cleaned	2,721	48. Rats caught by poison	0
24. Yards ordered repaired (repaved, etc.)	3	49. Rats purchased	0
25. Yards repaired	2	50. Rat catchers employed	69

Monthly report of disinfections.

Causes for disinfections.	Number of disinfections.	Number of contacts.	Causes for disinfections.	Number of disinfections.	Number of contacts.
Leprosy	1		Typhoid fever	2	1
Surra	2		Destruction of mosquitoes	1	
Destruction of rats	1		Insanitary conditions	100	
Glanders	21		Total	136	1
Lymphangitis	8				

Report of crematories.

Disposition.	Crematories.			Total.	Disposition.	Crematories.			Total.
	Palomar.	Santa Cruz.	Paco.			Palomar.	Santa Cruz.	Paco.	
Animals cremated:					Animals cremated—Continued.				
American horses	26		6	32	Pigs	30		7	37
American mules	6		3	9	Total	11,722		64	11,786
Chinese mules	2		1	3	Loads cremated:				
Chinese horses	7			7	House garbage	2,922	60	1,058	4,040
Australian horses	8			8	Trade refuse	74		48	122
Filipino horses	97		13	110	Market refuse	416	11	68	495
Carabaos	8		4	12	Slops	200	4	419	623
Cows	31		3	34	Organic matter	53	2		55
Dogs	135		2	137	Coal	5	7		12
Goats	6		2	8	Wood	5		2	7
Calves	3			3	Condemned goods	44			44
Cats	83		4	87	Total	3,719	84	1,595	5,398
Rats	12,963		2	12,965					
Monkeys	2		84	86					
Fowls	566			566					
Domestic birds	14			14					

Report of operations of the pail-conservancy system.

Where cleaned.	Pail collections.			Vaults cleaned.					
				Cleaned by odorless excavators.			Cleaned by public scavengers.		
	Number of installations.	Pails in use.	Pails cleaned.	Vaults cleaned.	Loads removed.	Gallons removed.	Permits issued.	Vaults cleaned.	Barrels contents removed.
Private houses	1,214	1,396	38,681	178	291	145,500			
Public buildings	58	145	4,020	13	261	130,500			
Midden sheds	36	1,138	20,320						
Military buildings	16	124	3,706	7	106	53,000			
Total	1,324	2,803	66,727	198	658	329,000			

Report of action taken on licenses.

Business for which license is desired.	License applications approved.	License applications disapproved.	Total applications acted upon.	Applications awaiting action.	Business for which license is desired.	License applications approved.	License applications disapproved.	Total applications acted upon.	Applications awaiting action.
Bakeries	2		2		Miscellaneous	5		5	
Boarding house	1		1		Cinematograph				
Cleaning and dyeing	2		2		Aërated waters				
Dancing school	1		1		Billiard parlors				
Distilleries	3		3		Blood, to sell				
Drug stores	7		7		Cooked food				
Hotel	1		1		Liquor, second-class bar				
Laundry	1		1		Liquor, first-class restaurant				
Leather	2		2		Paint, make and sell				
Liquor, first-class bar	1		1		Sausage, make and sell				
Native products		2	2		Sell roots and herbs				
Restaurants	5		5		Theaters				
Soap factories	9		9		Undertaking				
Sweetmeats	7		7						
Wine, native		2	2		Total	47	4	51	

Reports received of lepers living in the various provinces of the Philippine Islands.

Province.	Race.	Number of males.	Number of females.	Children.		Single.		Married.		Widowers.	Widows.	Total.
				M.	F.	M.	F.	M.	F.			
Abra	Filipino	9	5	1		4	3	4	2			14
Albay	do	26	23	3	4	15	13	6	3	2	3	49
Ambos Camarines	do	72	22	6	1	37	10	23	9	6	2	94
Antique	do	60	48	13	14	20	15	21	15	6	4	108
Bataan	do	13	5		1	9	1	3	1	1	2	18
Batangas	do	18	11			14	4	3	3	1	4	29
Benguet[1]	do	32	11	1	1	1		21	10	9		43
Bohol	do	78	55	5	3	34	39	35	12	4	1	133
Bulacan	do	24	13	1		9	7	12	6	2		37
Cagayan	do	47	50	1		23	16	19	21	4	13	97
Capiz	do	37	14	1		18	10	16	4	2		51
Cavite	do	44	25		1	29	17	11	4	4	3	69
Cebu	do	672	374									1,046
Ilocos Norte	do	69	44			25	24	36	12	8	8	118
Ilocos Sur	do	140	78	13	2	65	44	46	18	16	14	218
Iloilo	do	80	29	4	1	44	13	26	8	6	7	109
Isabela	do	11	6			3		7	3	1	3	17
La Laguna	do	16	7	1	2	6	3	6	1	3	1	23
Lepanto-Bontoc	do	15	4	1		5	1	8		1	3	19
Leyte	do	50	41	1	3	26	27	20	7	3	4	91
Masbate	do	13	11	1		6	4	3	5	3	2	24
Mindanao[1]	Moro	143	77	3	3	86	44	45	18	9	12	220
Misamis	Filipino	36	10	3		17	5	12	2	4	3	46
Negros Occidental	do	22	8	2	2	9	6	10		1		30
Negros Oriental	do	67	53	4		27	23	35	21	1	9	120
Nueva Ecija	do	38	15	1		17	6	14	5	6	4	53
Nueva Vizcaya	do	2	4			1		1	2		2	6
Pampanga	do	7	7			3	5	3	2	1		14
Pangasinan	do	33	23		1	10	4	19	14	4	4	56
Rizal	do	47	20	1	2	26	10	19	6	1	2	67
Romblon	do	4	10			1	3	3	3		4	14
Samar	do	143	115		1	43	50	74	43	26	21	258
San Lazaro	do	131	90	23	11	70	44	26	19	12	16	221
Sorsogon	do	83	34		1	41	18	38	6	4	9	117
Surigao[1]	do		1								1	1
Tarlac	do	15	7	1		2	4	11	2	1	1	22
Tayabas	do	15	5			2	3	11	1	2	1	20
Union	do	30	14			10	10	17	4	3		44
Zambales[1]	do	60	35	2		30	15	24	15	4	5	95
Total		2,402	1,404	93	54	788	501	688	307	161	168	3,806

[1] Revised reports not received.

Reports received of insane persons living in the various provinces of the Philippine Islands.

Province.	Race.	Number of men.	Number of women.	Children.		Single.		Married.		Widowers.	Widows.	Total.
				M.	F.	M.	F.	M.	F.			
Abra	Filipino	29	11			18	5	9	2	2	4	40
Albay	do	18	19	2		8	12	5	3	3	4	37
Ambos Camarines	do	66	56	1	4	46	36	15	10	4	6	122
Antique	do	31	35		1	22	17	8	14	1	3	66
Bataan	do	9	7			3		5	4	1	3	16
Batangas	do	68	58			54	40	10	8	4	10	126
Bohol	do	279	280	11	7	209	212	50	45	9	16	559
Bulacan	do	24	20			15	8	7	10	2	2	44
Cagayan	do	10	8			4	3	6	4		1	18
Capiz	do	48	39		1	24	21	17	8	7	9	87
Cavite	do	31	23			22	8	7	10	2	5	54
Cebu	do	447	333	11	3	324	250	95	65	17	15	780
Ilocos Norte	do	50	36	2	1	38	26	8	5	2	4	86
Ilocos Sur	do	92	57	1	1	62	39	24	10	5	7	149
Iloilo	do	95	81			61	48	24	15	10	18	176
Isabela	do	9	7			4	3	5	3		1	16
La Laguna	do	71	72	3	5	45	40	18	18	5	9	143
Lepanto-Bontoc	do	10	7			6	5	3		1	2	17
Masbate	do	18	20	1	1	12	12	4	4	1	3	38
Mindoro	do	9	7			8	4	1	2		1	16
Misamis	do	60	57	3		39	33	13	10	5	14	117
Negros Occidental	do	41	31		1	32	13	6	9	3	8	72
Negros Oriental	do	116	116	3	1	94	85	15	18	4	12	232
Nueva Ecija	do	30	18	1		25	11	2	4	2	3	48
Nueva Vizcaya	do	4	5			4	1		3		1	9
Pampanga	do	32	35			25	19	7	12		4	67
Pangasinan	do	93	86	6	5	45	44	26	22	16	15	179
Rizal	do	36	27			23	15	10	6	3	6	63
Romblon	do	22	5			5	2	11	3	6		27
Samar	do	32	28			24	19	4	4	4	5	60
Sorsogon	do	86	65			66	40	16	19	4	6	151
Tarlac	do	9	7			6	5	3			2	16
Tayabas	do	128	100	5	1	100	75	16	13	7	11	228
Union	do	31	14	1		18	8	11	4	1	2	45
Zambales	do	9	17			7	7	2	1		9	26
Total		2,143	1,787	51	32	1,498	1,166	463	368	131	221	3,930

Report of the Veterinary Division of the Board of Health for the Philippine Islands.

[JOHN G. SLEE, *Chief Veterinarian.*]

Disposition.	Number.
On arrival in city:	
Number of cattle inspected	2,422
Number of carabaos inspected	63
Number of horses inspected	108
Number of hogs inspected	4,271
Number of sheep inspected	16
Number of goats inspected	48
Number of other animals inspected	6
Total	6,934
For shipment to provinces:	
Number of cattle inspected	60
Total	60

Disposition.	Number.
In Government abattoir:	
Number of cattle slaughtered	1,726
Number of hogs slaughtered	4,736
Number of sheep slaughtered	1
Number of goats slaughtered	
Total	6,463
Miscellaneous:	
Number of cattle condemned in matadero	2
Number of hogs condemned in matadero	5
Number of horses condemned for glanders	13
Number of horses condemned for surra	6
Number of other animals condemned	7
Total	33

Report of Sanitary Engineer's Division.

Nature of work.	Health districts.							Total.
	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	No. 7.	
Number of buildings completed in accordance with conditions imposed by the Board of Health	16	16	5	18	9	7	12	83
Number of old buildings in which repairs were ordered and of proposed buildings, plans for which were approved	16	12	19	24	19	6	29	125
Number of buildings, orders for which were cancelled, and of proposed buildings approved, for which plans were withdrawn	3	3	1	2	2	3	3	17
Legal prosecutions								
Number of houses recommended and destroyed			1		25		1	27
Number of uncompleted orders on November 30, 1904	31	13	17	30	32	8	25	156

Amount of vaccine virus distributed by the Board of Health.

	Units.
Number on hand October 31, 1904	59,900
Received from Serum Laboratory	173,200
Total to be accounted for	233,100
Distributed as per itemized statement	225,800
Remaining on hand November 30, 1904	7,300

The vaccine virus was distributed as follows:

Provinces:	Units.	Provinces—Continued.	Units.	Manila:	Units.
Albay	10,000	Nueva Ecija	1,000	Vaccine division	46,200
Batangas	5,000	Pampanga	1,000	Public institutions	2,900
Benguet	1,200	Pangasinan	6,000		
Bulacan	5,000	Rizal	1,000	Total	49,100
Cagayan	60,000	Romblon	1,000		
Cebu	75,000	Samar	1,000	Grand total	225,800
Ilocos Sur	1,000	Union	1,000		
Iloilo	2,000	Zambales	500		
Lepanto-Bontoc	1,000				
Misamis	2,000	Total	176,700		
Negros Occidental	2,000				

Report of vaccinations, city of Manila.

Age and sex.	Vaccinations.			Inspections.						
				Takes.			Nontakes.			Grand total.
	Primary.	Secondary.	Total.	Primary.	Secondary.	Total.	Primary.	Secondary.	Total.	
Children under one year	389	16	405	505	226	731	1,028	340	1,368	2,099
Children between 1 and 2 years	618	97	715							
Children between 2 and 5 years	769	263	1,032							
Children between 5 and 12 years	2,827	1,197	4,024							
Adult males	9,133	3,350	12,483	982	633	1,615	3,605	1,185	4,790	6,405
Adult females	5,213	1,853	7,066							
Total	18,949	6,776	25,725	1,487	859	2,346	4,633	1,525	6,158	8,504

Epidemic of cholera in the city of Manila and provinces from March 20, 1902, to November 30, 1904.

Month.	Manila.		Provinces.		Month.	Manila.		Provinces.	
	Cases.	Deaths.	Cases.	Deaths.		Cases.	Deaths.	Cases.	Deaths.
1902.					1903—Continued.				
March	108	90			September	290	263	4,613	3,672
April	586	406	1,927	1,417	October	127	118	2,531	1,969
May	550	442	2,407	1,631	November	31	26	1,119	987
June	601	492	5,204	4,097	December	14	13	364	270
July	1,368	1,053	7,757	5,807	1904.				
August	720	581	11,247	7,874	January	4	5	35	24
September	273	179	43,346	27,410	February	3	3	61	42
October	87	57	30,837	18,572	March			23	10
November	336	236	12,353	6,681	April			1	
December	35	24	5,918	3,583	May				
1903.					June				
January	7	4	4,921	2,757	July				
February	2	1	2,997	2,009	August				
March	6	6	1,903	1,124	September				
April	33	27	1,772	1,147	October				
May	230	212	1,402	885	November				
June	39	38	3,554	2,945					
July	42	38	4,617	2,806					
August	89	72	10,212	7,406	Total	5,581	4,386	160,671	105,075

METEOROLOGICAL DATA DEDUCED FROM HOURLY OBSERVATIONS.

Date.	Barometer.[1] Mean.		Temperature.[2] Mean.		Maximum.		Minimum.		Relative humidity mean.
	Inches.	*Mm.*	°*C.*	°*F.*	°*C.*	°*F.*	°*C.*	°*F.*	*Per ct.*
1	29.884	759.04	26.0	78.8	32.2	90.0	21.4	70.5	82.6
2	29.890	59.20	23.9	75.0	26.9	80.4	22.3	72.1	94.4
3	29.911	59.73	25.7	78.3	29.2	84.6	22.5	72.5	92.0
4	29.934	60.30	26.4	79.5	31.8	89.2	23.9	75.0	91.8
5	29.916	59.84	26.7	80.1	31.2	88.2	22.1	71.8	85.7
6	29.893	59.28	26.3	79.3	31.2	88.2	23.0	73.4	87.8
7	29.916	59.86	25.4	77.7	29.0	84.2	22.6	72.7	86.0
8	29.911	59.72	25.1	77.2	30.3	86.5	20.7	69.3	84.4
9	29.883	59.03	25.7	78.3	31.0	87.8	20.4	68.7	82.6
10	29.890	59.20	25.6	78.1	31.9	89.4	22.4	72.3	88.2
11	29.924	60.05	25.4	77.7	30.7	87.3	21.9	71.4	89.2
12	29.934	60.31	24.6	76.3	28.9	84.0	21.9	71.4	91.5
13	29.903	59.53	24.1	75.4	28.1	82.6	21.0	69.8	89.9
14	29.912	59.75	24.9	76.8	28.7	83.7	22.2	72.0	88.4
15	29.929	60.18	25.6	78.1	31.3	88.3	20.2	68.4	80.3
16	29.940	60.45	24.6	76.3	30.4	86.7	22.2	72.0	84.9
17	29.941	60.47	24.5	76.1	28.6	83.5	22.0	71.6	74.4
18	29.911	59.73	24.5	76.1	27.3	81.1	22.4	72.3	69.8
19	29.867	58.61	25.2	77.4	30.0	86.0	22.4	72.3	83.6
20	29.909	59.68	25.0	77.0	27.5	81.5	23.3	73.9	96.1
21	29.928	60.14	25.8	78.4	30.7	87.3	22.2	72.0	90.5
22	29.935	60.33	26.0	78.8	30.1	86.2	23.0	73.4	89.9
23	29.970	61.22	24.8	76.6	28.6	83.5	22.2	72.0	88.0
24	29.970	61.22	24.4	75.9	29.4	84.9	21.5	70.7	85.5
25	29.960	60.98	24.2	75.6	29.4	84.9	20.7	69.3	84.5
26	29.946	60.62	23.3	73.9	30.5	86.9	19.3	66.7	81.8
27	29.947	60.65	23.5	74.3	30.6	87.1	17.9	64.2	75.3
28	29.941	60.50	24.1	75.4	29.3	84.7	19.7	67.5	82.0
29	29.975	61.34	24.7	76.5	29.8	85.6	19.9	67.8	82.5
30	29.987	61.66	24.6	76.3	31.5	88.7	20.2	68.4	75.9
Mean	29.925	760.09	25.0	77.0	29.9	85.8	21.6	70.8	85.3
Total									

Date.	Wind. Prevailing direction.	Total daily motion.		Maximum. Force.		Direction.	Sunshine.		Rainfall.	
		Km.	*Miles.*	*Km.*	*Miles.*		*h.*	*m.*	*Inch.*	*Mm.*
1	Variable.	112	70	15	9	W.	7	40		
2	N.	138	86	17	11	NNW.	0	15	1.075	27.3
3	WNW.	99	62	12	7	WNW.	3	15	.039	1.0
4	N.-E.	117	73	14	9	W.	5	45	.032	.8
5	W.	98	61	14	9	W.	10	00		
6	N.	126	78	12	7	N.	5	00	.055	1.4
7	Variable.	88	55	9	6	W.	1	15		
8	ESE.	98	61	10	6	WNW.	8	05	.075	1.9
9	W.	128	80	12	7	WSW.	8	35		
10	N.	104	65	12	7	N.	4	00	.236	6.0
11	W.	140	87	14	9	W.	5	10	.343	8.7
12	N.	103	64	12	7	N.	0	25	.039	1.0
13	N.	128	80	17	11	N.	1	40	.158	4.0
14	W.	72	45	6	4	W.	2	50	.028	.7
15	NE.	154	96	18	11	NNE.	7	15		
16	NNE.	140	87	14	9	NNE.	1	15	.118	3.0
17	N.	438	272	26	16	N.	0	55		
18	N.	610	379	35	22	N.	0	45		
19	N.	346	215	32	20	N.	0	45	.028	.7
20	N.	94	58	10	6	NW.	0	00	.685	17.4
21	E.	88	55	10	6	E.	4	55		
22	W.	99	62	12	7	NW.	5	40	.032	.8
23	ESE.	121	75	10	6	ESE.	2	00	.260	6.6
24	ESE.	112	70	12	7	SE.	1	45		
25	SE.	143	89	13	8	SE.	8	55		
26	NE.	106	66	12	7	ENE.	6	30		
27	NNE.-ENE.	105	65	12	7	ENE.	8	15		
28	W.	90	56	12	7	W. by N.	9	20		
29	Variable.	86	53	14	9	WNW.	9	35		
30	N.-NE.	143	89	20	12	NNE.	8	20		
Mean		147.5	91.8	14.6	9.0		4	40		
Total		4,426	2,754				140	05	3.203	81.3

[1] Corrected for instrumental error and for temperature and reduced to sea level. Correction to standard gravity, —1.72 mm. (—0.068 inch).
[2] These values are taken from instruments mounted in the Observatory park, 1.5 meters above ground.

Library

MONTHLY REPORT

OF THE

Board of Health for the Philippine Islands

AND CITY OF MANILA.

DECEMBER, 1904.

TO THE HON. DEAN C. WORCESTER, SECRETARY OF THE INTERIOR.

E. C. CARTER, M. D., Major and Surgeon, U. S. Army,
Commissioner of Public Health.

T. R. MARSHALL, M. D.,
Chief Health Inspector for the Philippine Islands.

P. C. FREER, M. D., Ph. D.,
Superintendent of Government Laboratories.
(In the United States on leave of absence.)

J. D. FAUNTLEROY,
Sanitary Engineer for the Philippine Islands.

R. P. STRONG, M. D., Ph. D.,
Acting Superintendent of Government Laboratories.

MANUEL GOMEZ, M. D.,
Secretary of the Board of Health for the Philippine Islands.

MANILA:
BUREAU OF PUBLIC PRINTING.
1905.

27256

LETTER OF TRANSMITTAL.

DEPARTMENT OF THE INTERIOR,
BOARD OF HEALTH FOR THE PHILIPPINE ISLANDS, OFFICE OF THE COMMISSIONER,
Manila, January 19, 1905.

SIR: I have the honor to forward herewith for your information the following report of the Board of Health for the Philippine Islands and the city of Manila for the month of December.

There were 372 male and 336 female children recorded as born during the month, making a total of 708 births registered, giving a birthrate of 37.97 per 1,000 inhabitants.

The deaths registered during this month were 915; of these 894 were residents and 121 transients, the former giving a death rate per 1,000 of 42.53. This rate, if compared with that of the previous month of November, which was 52.97, gives, in favor of December, a mortality of — 10.44 or 163 deaths less. If the deaths which occurred among the residents and transients during each month are consolidated, the difference between them will be explained as follows: Of infantile convulsions there were 299 in December, against 353 in November; chronic bronchitis, 38 against 60; diarrhea and chronic enteritis, 36 against 45; beri-beri, 37 against 45; congenital debility and esclerema, 27 against 41; acute bronchitis, 24 against 37; senile debility, 22 against 30; eclampsia (nonpuerperal), 11 against 26; malaria, 23 against 24; organic diseases of heart, 10 against 16; cerebral congestion and hemorrhage, 10 against 15; Bright's disease, 9 against 14; tuberculosis of the larynx, 11 against 12; tetanus, 8 against 10; other special diseases of early infancy, 8 against 10; chronic rheumatism and gout, 6 against 9; puerperal septicemia, 2 against 8; peritonitis, simple, 1 against 5; tuberculosis of the meninges, 2 against 5; broncho-pneumonia, 2 against 5; puerperal hemorrhage, 4 against 5; other diseases of the stomach, 1 against 4; acute nephritis, 3 against 4; other diseases of the nervous system, 1 against 3; epilepsy, 1 against 2; intestinal parasites, 1 against 2; hernias and intestinal obstructions, 1 against 2. There were, on the other hand, during the month of December, more deaths registered than in November from the following causes: Eighty-one died from tuberculosis against 93 in December; meningitis, simple, 30 against 36; dysentery, 29 against 31; other accidental traumatisms, 2 against 23; pneumonia, 9 against 18; diarrhea and enteritis in children under 2 years of age, 13 against 16; typhoid fever 13 against 14; leprosy, 1 against 8. In brief, it will be seen that when 27 causes of death of December and November are compared with each other, it is observed that there were 194 more deaths during the latter month, while the comparison between 8 causes of death registered in November with those of December gives 61 more deaths in December; this expression can be embodied in the following formula: $+N - D = 194$, $+D - N = 61$, $+N = 133$, which is the total difference between November and December, including the transients.

By studying the comparative mortality of the entire year which has just ended, it is observed that the months of February and March were the most favorable, with a mortality of 40.59 and 40.23, respectively, the lowest death rates registered during the year. On the other hand, August, September, and October show the highest, the mortality reaching 55.28, 58.89, and 54.53. January and December had almost the same death rate—42.64 and 42.53.

All the tuberculous patients of the infirmary of Bilibid Prison were transferred to the new hospital for tuberculosis situated on one of the banks of the Pasig River in Calle Marques de Comillas, where they can more properly be taken care of and will have more space and purer atmosphere, both so necessary for the successful treatment of this fatal disease.

The Woman's Hospital, established in one of the buildings of San Lazaro, was transferred to Calle Alix, in the district of Sampaloc, and the rooms which were formerly occupied by this class of patients were fitted to accommodate insane patients, who for lack of room could not be admitted in the quarters provided for these unfortunates in the Hospicio de San José.

Of quarantinable diseases, a case of bubonic plague was registered, the victim being a Chinaman who died on the 5th; and two cases of smallpox, both in Tondo, which were sent to the smallpox hospital for isolation and treatment.

The municipal physicians attended in their houses 446 patients and made 1,364 visits. Two hundred and sixty-six patients called at the clinics established in the sanitary stations, and they were attended by the medical inspectors and municipal physicians in 773 consultations.

Two thousand nine hundred and ninety-six prescriptions were filled at the municipal dispensaries.

There were 24,418 vaccinations and revaccinations performed in this city, and 10,032 inspections were made, from which it is ascertained that 2,901 resulted successfully and 7,231 unsuccessfully.

Cases of smallpox were registered during this month in the following provinces: Ilocos Sur, 10 cases and no deaths; Ambos Camarines, 3 cases and 1 death; Tayabas, 3 cases and 1 death; and Negros Oriental, 46 cases and 11 deaths.

Vaccinations and revaccinations are now being diligently made in the above and other provinces to prevent these small outbreaks from becoming epidemic during the next warm season.

The sanitary inspectors inspected 2,572 houses and reinspected 848 to verify whether the work which had been ordered to place the same in a sanitary condition had been carried out.

The assistant sanitary inspectors inspected 22,307 houses and reinspected 8,837. Two thousand eight hundred and two yards were ordered to be cleaned, and 2,602 were cleaned.

Fifteen thousand eight hundred and one rats were caught.

The disinfecting brigade made 121 disinfections of houses where cases of infectious diseases have occurred, of stables where cases of infectious diseases among large animals were registered, and of insanitary places.

The veterinarians of this Bureau examined 7,626 cattle of all classes and 38 animals of other species before their admittance into the city, 40 cattle for their shipment to the provinces, and 6,426 before being slaughtered at the abattoir for the supply of this city.

Very respectfully,

E. C. CARTER,
Major and Surgeon, U. S. A.,
Commissioner of Public Health.

To the SECRETARY OF THE INTERIOR, *Manila, P. I.*

CARTA DE REMISIÓN.

DEPARTAMENTO DEL INTERIOR,
JUNTA DE SANIDAD DE LAS ISLAS FILIPINAS, OFICINA DEL COMISIONADO,
Manila, I. F., 19 de Enero de 1905.

SEÑOR: Tengo el honor de remitir á usted para su información el siguiente report de la Junta de Sanidad de las Islas Filipinas y de la ciudad de Manila correspondiente al mes de Diciembre último.

Se han inscrito 372 nacidos pertenecientes al sexo masculino y 336 al femenino, sumando un total de 708 nacimientos registrados, los cuales arrojan un promedio de natalidad por mil habitantes de 37.97.

Las defunciones registradas en todo este mes han sido 915, de estas, 794 fueron residentes y 121 transeutes, arrojando los primeros un promedio de mortalidad por mil de 42.53. Este promedio comparado con el del mes de Noviembre anterior que fué de 52.97, resulta á favor de Diciembre con — 10.44 de mortalidad, ó bien con 163 defunciones menos. Y englobando uno y otro mes, la diferencia se explica así: Convulsiones infantiles en Diciembre, 229 contra 353 en Noviembre; bronquitis crónica, 38 contra 60; diarrea y enteritis crónica, 36 contra 45; beri-beri, 37 contra 45; debilidad congénita y esclerema, 27 contra 41; bronquitis aguda, 24 contra 37; debilidad senil, 22 contra 30; eclampsia no puerpueral, 11 contra 26, malaria, 23 contra 24; enfermedades orgánicas del corazón, 10 contra 16; congestión cerebral y hemorragia, 10 contra 15; mal de Bright, 9 contra 14; tuberculosis de la laringe, 11 contra 12; tétanos, 8 contra 10; otras enfermedades especiales de la infancia, 8 contra 10; reumatismo crónico y gota, 6 contra 9; septicemia puerpueral, 2 contra 8; peritonitis simple, 1 contra 5; tuberculosis de las meninges, 2 contra 5; bronco-neumonia, 2 contra 5; hemo-

rragia puerpueral, 4 contra 5; otras afecciones del estómago, 1 contra 4; nefritis aguda, 3 contra 4; otras enfermedades del sistema nervioso, 1 contra 3; epilepsia, 1 contra 2; parásitos intestinales, 1 contra 2; hernias y obstrucciones intestinales, 1 contra 2. En cambio en el mes de Diciembre se registraron mayor número de las siguientes causas de muerte que en Noviembre; pues fallecieron á consecuencia de tuberculosis pulmonar, 81 contra 93 en Diciembre; meningitis simple, 30 contra 36; disenteria, 29 contra 31; otros accidentes traumáticos, 2 contra 23; neumonia, 9 contra 18; diarrea y enteritis en menores de 2 años, 13 contra 16; tifoidea, 13 contra 14; lepra, 1 contra 8. Resumiendo, se vé que en 27 causas de muerte cotejadas entre Diciembre y Noviembre, resulta que en este mes últimamente citado hubo 194 defunciones más, mientras que 8 causas de muerte registradas en Diciembre puestas en cotejo con las mismas de Noviembre, acusan 61 defunciones más en Diciembre, cuya expresión puede sintetizarse en la siguiente fórmula: + N — D = 194, + D — N = 61, + N = 133, que es la diferencia total de defunciones observadas entre Noviembre y Diciembre, incluidos los transeuntes.

Considerada la mortalidad comparada de todo el año que ha finado, se observa que los meses de Febrero y Marzo fueron los más favorecidos, con una mortalidad de 40.59 y 40.23 respectivamente, las más bajas observadas en todo el año. En cambio Agosto, Septiembre y Octubre fueron los peores, ascendiendo la mortalidad á 55.28, 58.89 y 54.53. Enero y Diciembre acusaron casi el mismo promedio de mortalidad, 42.64 y 42.53.

Para el mejor cuidado de los enfermos tuberculosos que se hallaban en la enfermería de las prisiones de Bilíbid y con el objeto de tenerlos en un local más amplio y en una atmósfera más pura, cual se requiere para obtener algún resultado en el tratamiento de tan mortífera enfermedad, han sido trasladados todos aquellos pacientes á una casa situada á orillas del Pasig en la calle Marqués de Comillas.

El Hospital de mujeres establecido en uno de los edificios de San Lázaro fué trasladado á la calle de Alix en el distrito de Sampaloc, y las salas que aquellas ocupaban se habilitaron para recluir á los dementes que no cabían en las cuadras que tienen dispuestas para estos desgraciados en el Hospicio de San José.

De las enfermedades cuarentenables se ha registrado un caso de peste bubónica en el distrito de Santa Cruz, cuya víctima fué un chino que falleció el día 5; de viruela hubo dos casos, ambos ocurridos en el dristrito de Tondo, que fueron enviados al hospital de variolosos para su curación y aislamiento.

Los médicos municipales presentaron asistencia domiciliaria á 446 enfermos pobres é hiciéronles 1,364 visitas. En las clínicas establecidas en las estaciones sanitarias acudieron 266 pacientes que fueron atendidos por los médicos inspectores y municipales en 773 consultas.

Dos mil novecientos noventa y seis recetas fueron despachadas en los dispensarios municipales.

Se practicaron 24,418 vacunaciones y revacunaciones en la capital y se verificaron 10,032 inspecciones, viniendo á saberse que se obtuvieron 2,901 resultados positivos y 7,231 negativos.

En este mes se registraron casos de viruela en las Provincias de Ilocos Sur, 10 casos sin ninguna defunción; Ambos Camarines, 3 casos con una defunción; Tayabas 3 casos con una defunción; y Negros Occidental, 46 casos con 11 defunciones.

Se están practicando activamente en tales provincias y en otras las vacunaciones y revacunaciones, en previsión de que en la estación de calores que se aproxima puedan tomar incremento estos chispazos que hoy se apuntan.

Los inspectores sanitarios inspeccionaron 2,572 casas y reinspeccionaron 848 para comprobar si se cumplieron las obras mandadas llevar á cabo para la salubridad de las mismas.

Los sanitarios inspeccionaron 22,307 casas y reinspeccionaron 8,837. Se mandaron limpiar 2,802 patios y se limpiaron 2,602.

Se cogieron 15,801 ratas.

La brigada de desinfección verificó 121 desinfecciones en las casas donde han ocurrido enfermedades infecciosas, en los establos donde se registraron casos de enfermedades infecciosas del ganado mayor, y locales poco higiénicos.

Los veterinarios de este Bureau reconocieron 7,626 reses de todas clases y 38 animales de especies distintas, previa su introducción en esta capital; 40 reses de ganado vacuno para su envío á provincias, y 6,426 destinadas al matadero para el abastecimiento de esta ciudad.

Muy respetuosamente,

E. C. CARTER,
Comandante y Cirujano del Ejercito de los Estados Unidos,
Comisionado de Salud Pública.

Al SECRETARIO DEL INTERIOR, *Manila, I. F.*

GENERAL STATISTICS.

[Unless otherwise stated these statistics are for the month of December, 1904.]

Population of the city of Manila.

[Official census of 1903.]

Nationality.	Population.	Nationality.	Population.
Americans	4,389	Chinese	21,230
Filipinos	189,782	All others	895
Spaniards	2,528		
Other Europeans	1,117	Total	219,941

Births reported.[1]

Race.	Male.	Female.	Total.	Annual average per 1,000 for the month.	Race.	Male.	Female.	Total.	Annual average per 1,000 for the month.
Americans	7	2	9	24.15	Chinese	2		2	1.10
Filipinos	361	329	690	42.83	All others				
Spaniards	1	5	6	27.96					
Other Europeans	1		1	10.54	Total and average	372	336	708	37.97

[1] Incomplete.

Deaths during the month, and annual death rate per 1,000.

Race.	Deaths during December.	Annual average per 1,000 for the month.	Race.	Deaths during December.	Annual average per 1,000 for the month.
Americans	3	8.05	Chinese	25	13.87
Filipinos	759	47.12	All others		
Spaniards	6	27.96			
Other Europeans	1	10.54	Total and average	794	42.53

A classified report of all deaths occurring in Manila, including transients.

Males.	Number.	Females.	Number.
Married	88	Married	59
Widowers	29	Widows	61
Single	87	Single	23
Boys	281	Girls	261
Condition not stated in certificate	24	Condition not stated in certificate	2
Total	509	Total	406
Grand total			915

Stillbirths, 20; number of deaths with medical attendance, 484; number of deaths without medical attendance, 431; total, 915.

Deaths, by age, including transients.

Age.	Number.	Age.	Number.
Under 30 days	101	40 years to 50 years	55
30 days to 1 year	373	50 years to 60 years	34
1 year to 2 years	35	60 years to 70 years	28
2 years to 5 years	21	70 years to 80 years	27
5 years to 10 years	11	80 years to 90 years	11
10 years to 15 years	6	90 years to 100 years	5
15 years to 20 years	37	100 years and over	3
20 years to 25 years	38	Unknown	5
25 years to 30 years	55		
30 years to 40 years	70	Total	915

Stillbirths, 20.

Deaths, by districts, including transients.

Health districts.	Population.	Deaths.	Annual rate per 1,000.
No. 1, San Nicolas	53,573	66	14.51
No. 2, Tondo	39,045	218	65.78
No. 3, Quiapo	18,487	77	49.07
No. 4, Santa Cruz	43,040	260	71.17
No. 5, Sampaloc	20,279	105	61.00
No. 6, Intramuros	17,463	56	37.78
No. 7, Ermita, Paco, etc	28,054	133	55.85
Total	219,941	915	

Stillbirths, 20.

Comparative mortality from January 1, 1900, to December 31, 1904.

Month.	1900.		1901.		1902.		1903.		1904.	
	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.	Number of deaths.	Annual death rate per 1,000.
January	1,055	[1] 50.79	753	[1] 36.25	760	[1] 36.58	602	[1] 28.98	796	[2] 42.64
February	884	[1] 47.11	689	[1] 36.72	706	[1] 37.63	511	[1] 27.23	709	[2] 40.59
March	887	[1] 42.70	885	[1] 42.66	770	[1] 37.06	539	[1] 25.94	751	[2] 40.23
April	805	[1] 40.04	886	[1] 44.07	1,327	[1] 66.01	549	[1] 27.31	748	[2] 41.40
May	732	[1] 35.24	903	[1] 43.47	1,688	[1] 81.26	770	[1] 37.06	766	[2] 41.03
June	599	[1] 29.79	621	[1] 30.89	1,418	[1] 70.54	592	[1] 29.45	800	[2] 44.28
July	787	[1] 37.88	608	[1] 29.27	2,223	[1] 107.02	620	[2] 33.21	866	[2] 46.89
August	825	[1] 39.71	702	[1] 33.79	1,712	[1] 82.42	862	[2] 46.17	1,032	[2] 55.28
September	1,027	[1] 50.01	767	[1] 38.15	1,132	[1] 56.31	1,228	[2] 67.97	1,064	[2] 58.89
October	961	[1] 46.23	855	[1] 41.16	927	[1] 44.62	1,217	[2] 65.19	1,018	[2] 54.53
November	976	[1] 48.48	848	[1] 42.18	1,035	[1] 51.48	974	[2] 53.91	957	[2] 52.97
December	905	[1] 43.54	858	[1] 41.30	753	[1] 36.25	894	[2] 47.89	794	[2] 42.53

[1] Death rate computed on population of 244,732 (Health Department's census).
[2] Death rate computed on population of 219,941 (official census, 1903).

CAUSES OF DEATHS.

(TRANSIENTS AND STILLBIRTHS NOT INCLUDED.)

	Nomenclature Designed for the Statistics of Death.	Nomenclatura para las Estadísticas de Defunciones.	Americans.		Foreigners.		Filipinos.		Chinese.		Total.
			M.	F.	M.	F.	M.	F.	M.	F.	
	I.	**I.**									
	General Diseases.	**Enfermedades Generales.**									
1	Typhoid fever (abdominal typhus)	Fiebre tifoidea			2		6	4		1	13
2	Exanthematic typhus	Tifus exantemático									
3	Recurrent fever	Fiebre recurrente									
4	Intermittent fever and malarial cachexia	Fiebre intermitente	1				13	3	1		18
4a	Malarial cachexia	Caquexia palúdica					1				1
5	Variola	Viruelas									
6	Measles	Sarampión									
7	Scarlatina	Escarlatina									
8	Whooping cough	Tos ferina									
9	Diphtheria and croup	Difteria y crup									
9a	Diphtheria	Difteria									
10	Grippe	Gripe									
11	Millary fever	Fiebre miliar									
12	Asiatic cholera	Cólera asiático									
13	Cholera nostras	Cólera nostras									
14	Dysentery	Disentería	1				16	5	1		23
14a	Epidemic dysentery	Disentería epidémica									
15	Plague	Peste							1		1
16	Yellow fever	Fiebre amarilla									
17	Leprosy	Lepra					5	2			7
18	Erysipelas	Erisipelas						1			1
19	Other epidemic affections (beri-beri)	Otras afecciones epidémicas (Beri-beri)					13	12	3		28
20	Purulent infection and septicæmia	Infección purulenta y septicemia									
21	Glanders and farcy	Muermo y lamparones									
22	Malignant pustule and anthrax	Pústula maligna y antrax									
23	Rabies	Rabia									
24	Actinomycosis, trichinosis, etc	Actinomicosis, trichinosis, etc									
25	Pellagra	Pelagra									
26	Tuberculosis of larynx	Tuberculosis de la laringe					7	2	1		10
27	Tuberculosis of lungs	Tuberculosis del pulmón					41	31	7		79
28	Tuberculosis of meninges	Tuberculosis de las meninges					2				2
29	Tuberculosis of abdomen	Tuberculosis abdominal					4	4			8
30	Pott's disease	Mal de Pott									
31	Cold abscess and abscess by congestion	Abscesos fríos y por congestión									
32	White swellings	Tumores blancos									
33	Tuberculosis of other organs	Tuberculosis de otros órganos						1			1
34	Generalized tuberculosis	Tuberculosis generalizada					2				2
35	Scrofula	Escrófula									
36	Syphilis	Sífilis									
37	Gonorrhea of the adult	Blenorragia en los adultos									
38	Gonococcic infections of children	Afecciones gonocócicas en los niños									
39	Cancer and other malignant tumors of the buccal cavity.	Cáncer ú otros tumores malignos en la cavidad bucal									
40	Cancer and other malignant tumors of the stomach and liver.	Cáncer ú otros tumores malignos del estómago é hígado.									
41	Cancer and other malignant tumors of the peritoneum, intestines, and rectum.	Cáncer ú otros tumores malignos del peritóneo, intestinos y recto.									
42	Cancer and other malignant tumors of the female genitals.	Cáncer ú otros tumores malignos de los órganos genitales de la mujer.						2			2
43	Cancer and other malignant tumors of the breast	Cáncer ú otros tumores malignos de la mama									
44	Cancer and other malignant tumors of the skin	Cáncer ú otros tumores malignos de la piel									
45	Cancer and other malignant tumors of other organs and organs not specified.	Cáncer ú otros tumores malignos en otros órganos									
46	Other tumors (tumors of the female genitals excepted).	Otros tumores (exceptuándose los de los órganos genitales de la mujer.)									
47	Acute articular rheumatism	Reumatismo articular agudo					1	1			2
48	Chronic rheumatism and gout	Reumatismo crónico y gota					1	5			6
49	Scurvy	Escorbuto									
50	Diabetes	Diabetes									
51	Exophthalmic goiter	Bocio exoftálmico									
52	Addison's disease	Enfermedad bronceada de Addison									
53	Leukæmia	Leucemia									
54	Anæmia, chlorosis	Anemia, clorosis				1	1	2			4
55	Other general diseases	Otras enfermedades generales									
56	Acute alcoholism, or chronic	Alcoholismo agudo ó crónico									
57	Lead poisoning	Saturnismo									
58	Other poisonings incident to occupations	Otras intoxicaciones profesionales crónicas									
59	Other chronic poisonings	Otros envenenamientos crónicos									
	II.	**II.**									
	Diseases of the Nervous System and the Organs of Special Sense.	**Enfermedades del Sistema Nervioso y de los Órganos de los Sentidos.**									
60	Encephalitis	Encefalitis									
61	Simple meningitis	Meningitis simple					19	15			34
61a	Epidemic cerebro-spinal meningitis	Meningitis cérebro-espinal epidémica									
62	Progressive locomotor ataxia	Ataxia locomotriz progresiva									
63	Other diseases of the spinal cord	Otras enfermedades de la médula espinal									
64	Cerebral congestion and hemorrhage	Congestión y hemorragia cerebrales					3	7			10
65	Cerebral softening	Reblandecimiento cerebral						1			1
66	Paralysis without apparent cause	Parálisis sin indicación de causa									
67	General paralysis	Parálisis generales						1			1

CAUSES OF DEATHS—Continued.

	Nomenclature Designed for the Statistics of Death.	Nomenclatura para las Estadísticas de Defunciones.	Americans.		Foreigners.		Filipinos.		Chinese.		Total.
			M.	F.	M.	F.	M.	F.	M.	F.	
	II.—Diseases of the Nervous System and the Organs of Special Sense—Continued.	**II.—Enfermedades del Sistema Nervioso y de los Órganos de los Sentidos**—Cont'n.									
68	Other forms of insanity	Otras formas de alinéación mental									
69	Epilepsy	Epilepsia					1				1
70	Eclampsia (nonpuerperal)	Eclampsia (no puerperal)		1			4	3			8
71	Convulsions of children	Convulsiones en los niños					134	145	1	1	281
72	Tetanus	Tétano					3	5			8
73	Chorea	Corea									
74	Other diseases of the nervous system	Otras enfermedades del sistema nervioso					1				1
75	Diseases of the eye and its adnexa	Enfermedades de ojos y sus anexos									
76	Diseases of the ear	Enfermedades de los oídos									
	III.	**III.**									
	Diseases of the Circulatory System.	**Enfermedades del Aparato Circulatorio.**									
77	Pericarditis	Pericarditis									
78	Acute endocarditis	Endocarditis aguda					2	2			4
79	Organic disease of the heart	Enfermedades orgánicas del corazón				1	2	2	4		9
80	Angina pectoris	Angina de pecho					1	3			4
81	Affections of the arteries (atheroma, aneurism, etc.)	Afecciones de las arterias, etc						1			1
82	Embolus and thrombosis	Embolia y trombosis									
83	Affections of the veins (varices, hemorrhoides, phlebitis)	Afecciones de las venas									
84	Affections of the lymphatic system (lymphangitis, etc.)	Afecciones del sistema linfático									
85	Hemorrhages	Hemorragias									
86	Other affections of the circulatory system	Otras afecciones del aparato circulatorio									
	IV.	**IV.**									
	Diseases of the Respiratory System.	**Enfermedades del Aparato Respiratorio.**									
87	Diseases of the nasal fosse	Enfermedades de las fosas nasales									
88	Affections of the larynx	Afecciones de la laringe					2				2
89	Affections of the thyroid body	Afecciones del cuerpo tiroideo									
90	Acute bronchitis	Bronquitis aguda			1		11	9			21
91	Chronic bronchitis	Bronquitis crónica					17	19			36
92	Broncho-pneumonia	Bronco-pneumonía					1	1			2
93	Pneumonia	Pneumonía					4	3			7
94	Pleurisy	Pleuresía					1				1
95	Pulmonary congestion and apoplexy	Congestión apoplegía pulmonares					3				3
96	Gangrene of the lungs	Gangrena del pulmón									
97	Asthma	Asma					4	1			5
98	Pulmonary emphysema	Enfisema pulmonar									
99	Other diseases of the respiratory system (phthisis excepted).	Otras enfermedades del aparato respiratorio (exceptuándose la tisis).					1				1
	V.	**V.**									
	Diseases of Digestive System.	**Enfermedades del Aparato Digestivo.**									
100	Affections of the mouth and its adnexa	Afecciones de la boca y de sus anexos					1				1
101	Affections of the pharynx	Afecciones de la faringe									
102	Affections of the esophagus	Afecciones del esófago							1		1
103	Ulcer of the stomach	Ulcera del estómago			1						1
104	Other affections of the stomach (cancer excepted)	Otras afecciones del estómago (exceptuándose el cáncer).					1				1
105	Diarrhea and enteritis (under 2 years)	Diarrea y enteritis (en niños menores de 2 años)					8	6			14
105a	Chronic diarrhea and enteritis	Diarrea y enteritis crónica					18	14	1		33
106	Diarrhea and enteritis (2 years and over)	Diarrea y enteritis (en niños de 2 ó más años)					2	2			4
107	Intestinal parasites	Parásitos intestinales									
108	Hernias: Intestinal obstructions	Hernias; obstrucciones intestinales									
109	Other affections of the intestines	Otras afecciones del intestino									
110	Acute yellow atrophy of the liver	Ictericia grave									
111	Hydatid tumors of the liver	Tumores hidátidicos del hígado					1				1
112	Cirrhosis of the liver	Cirrosis del hígado									
113	Biliary calculi	Cálculos biliares									
114	Other affections of the liver	Otras afecciones del hígado									
115	Affections of the spleen	Afecciones del bazo									
116	Simple peritonitis (puerperal excepted)	Peritonitis simple (exceptuándose la puerperal)						1			1
117	Other affections of the digestive system (cancer and tuberculosis excepted).	Otras afecciones del aparato digestivo (exceptuándose el cáncer y tuberculosis).									
118	Appendicitis and abscess of the iliac fossa	Apendicitis y filimón de la fosa iliaca									
	VI.	**VI.**									
	Diseases of the Genito-Urinary System and its Adnexa.	**Enfermedades del Aparato Génito Urinario y de sus Anexos.**									
119	Acute nephritis	Nefritis aguda					1				1
120	Bright's disease	Mal de Bright					3	2	1		6
121	Other diseases of the kidneys and their adnexa	Otras enfermedades de los riñones y de sus anexos									
122	Calculi of the urinary tract	Cálculos de las vías urinarias									
123	Diseases of the bladder	Enfermedades de la vegiga			1			1			2
124	Diseases of the urethra, urinary abscess, etc	Enfermedades de la uretra									
125	Diseases of the prostate	Enfermedades de la próstata									
126	Nonvenereal diseases of the male genital organs	Enfermedades no venereas de los órganos genitales del hombre.									
127	Metritis	Metritis						2			2
128	Uterine hemorrhage (nonpuerperal)	Hemorragia uterina (no puerperal)									
129	Tumor, uterine (noncancerous)	Tumor uterino (no canceroso)									
130	Other diseases of the uterus	Otras enfermedades del útero									
131	Cysts and other tumors of the ovary	Quistes y otros tumores del ovario									
132	Other diseases of the female genital organs	Otras enfermedades de los órganos genitales de la mujer.									
133	Nonpuerperal diseases of the breast (cancer excepted)	Enfermedades no puerperales de la mama (exceptuándose el cáncer).									

CAUSES OF DEATHS—Continued.

	Nomenclature Designed for the Statistics of Death.	Nomenclatura para las Estadísticas de Defunciones.	Americans. M.	Americans. F.	Foreigners. M.	Foreigners. F.	Filipinos. M.	Filipinos. F.	Chinese. M.	Chinese. F.	Total.
	VII.	**VII.**									
	The Puerperal State.	**Estado Puerperal.**									
134	Accidents of pregnancy	Accidentes de la preñez									
135	Puerperal hemorrhage	Hemorragia puerperal						3			3
136	Other accidents of labor	Otros accidentes del parto									
137	Puerperal septicæmia	Septicemia puerperal						2			2
138	Albuminuria and puerperal eclampsia	Albuminuria y eclampsia puerperales									
139	Puerperal phlegmasia alba dolens	Flegmasia alba dolens puerperal								1	1
140	Other puerperal accidents—sudden death	Otros accidentes puerperales—muerte repentina									
141	Puerperal diseases of the breast	Enfermedades puerperales de la mama									
	VIII.	**VIII.**									
	Diseases of the Skin and Cellular Tissue.	**Enfermedades de la Piel y del Tejido Celular.**									
142	Gangrene	Gangrena									
143	Furuncle	Forúnculo									
144	Warm-acute abscess	Abscesos calientes agudos									
145	Other diseases of the skin and its adnexa	Otras enfermedades de la piel									
	IX.	**IX.**									
	Diseases of the Organs of Locomotion.	**Enfermedades de los Órganos de la Locomoción.**									
146	Affections of the bones (nontuberculous)	Afecciones de los huesos (exceptuando la tuberculosis)									
147	Diseases of the joints (tuberculosis and rheumatism excepted).	Afecciones de las articulaciones (exceptuando la tuberculosis y el reumatismo).									
148	Amputation	Amputación									
149	Other affections of the organs of locomotion	Otras afecciones de los órganos de la locomoción									
	X.	**X.**									
	Malformations.	**Vicios de Conformación.**									
150	Congenital malformations (stillbirths excepted)	Vicios de conformación congénitos (exceptuándose los de niños nacidos muertos).						1			1
	XI.	**XI.**									
	Early Infancy.	**Primera Infancia.**									
151	Congenital debility, icterus and sclerema	Debilidad congénita, ictericia y esclerema					13	13			26
152	Other special diseases of early infancy	Otras enfermedades especiales de la primera edad					4	4			8
153	Lack of care	Falta de cuidados									
	XII.	**XII.**									
	Old Age.	**Vejez.**									
154	Senile debility	Debilidad senil					8	14			22
	XIII.	**XIII.**									
	Affections Produced by External Causes.	**Afecciones Producidas por Causas Exteriores.**									
155	Suicide by poison	Suicidio por envenenamiento									
156	Suicide by asphyxia	Suicidio por asfixia									
157	Suicide by hanging or strangulation	Suicidio por suspensión ó por estrangulación									
158	Suicide by submersion	Suicidio por submersión									
159	Suicide by firearms	Suicidio por armas de fuego									
160	Suicide by cutting instruments	Suicidio por instrumentos cortantes									
161	Suicide by jumping from high place	Suicidio por dejarse caer desde un punto elevado									
162	Suicide by crushing	Suicidio por aplastamiento									
163	Other suicides	Otros suicidios									
164	Fractures	Fracturas					1				1
165	Dislocations	Luxaciones									
166	Other accidental traumatisms	Otros traumatismos accidentales					3	1			4
167	Burns	Quemaduras por el fuego									
168	Burning by corrosive substances	Quemaduras por substancias corrosivas									
169	Insolation	Insolación									
170	Freezing	Congelación									
171	Electrical shocks	Conmoción eléctrica									
172	Accidental submersion	Submersión accidental					2				2
173	Inanition	Inanición					1				1
174	Inhalation of deleterious gases (suicide excepted)	Absorción de gases deletéreos									
175	Other acute poisonings	Otros envenenamientos agudos									
176	Other external violence	Otras violencias exteriores									
	XIV.	**XIV.**									
	Ill-Defined Diseases.	**Enfermedades mal Definidas.**									
177	Dropsy	Hidropesía									
178	Sudden death	Muerte repentina									
179	Unspecified or ill-defined causes of death	Causas de muerte no especificadas ó mal definidas					2	4			6
	Total		2	1	5	2	396	363	22	3	794
	Grand total		3		7		759		25		794

NUMBER OF DEATHS, WITH CAUSES, OCCURRING AMONG TRANSIENTS IN MANILA.

[These deaths are not included in preparing death rate of city.]

	Cause of Death.	Causas de Muerte.	Americans.		Foreigners.		Filipinos.		Chinese.		Total.
			M.	F.	M.	F.	M.	F.	M.	F.	
	I.	**I.**									
	General Diseases.	**Enfermedades Generales.**									
1	Typhoid fever (abdominal typhus)	Tifoidea (tifus abdominal)						1			1
4	Intermittent fever and malarial cachexia	Fiebre intermitente y palúdica caquexia					2	3			5
14	Dysentery	Disenteria	1	1			6				8
19	Other epidemic affections (beri-beri)	Otras afecciones epidémicas (beri-beri)					2	4	3		9
26	Tuberculosis of larynx	Tubérculo de la laringe					1				1
27	Tuberculosis of lungs	Tuberculosis del pulmón					10	3	1		14
29	Tuberculosis of abdomen	Tuberculosis abdominal									
39	Cancer and other malignant tumors of the buccal cavity.	Cancer y otros tumores malignos de la cavidad bucal						1			1
55	Other general diseases	Otras enfermedades generales						1			1
	II.	**II.**									
	Diseases of the Nervous System and the Organs of Special Sense.	**Enfermedades del Sistema Nervioso y otros Organos del Sentido Especial.**									
61	Meningitis, simple	Meningitis simple					1	1			2
70	Eclampsia (nonpuerperal)	Eclampsia (no puerperal)					1	2			3
71	Convulsions of children	Convulsiones en los niños					13	5			18
	III.	**III.**									
	Diseases of the Circulatory System.	**Enfermedades del Aparato Circulatorio.**									
79	Organic disease of the heart	Enfermedades orgánicas del corazón						1			1
80	Angina pectoris	Angina de pecho					1	1			2
82	Embolus and thrombosis	Embolia y thrombosis					1				1
	IV.	**IV.**									
	Diseases of the Respiratory System.	**Enfermedades del Sistema Respiratorio.**									
90	Acute bronchitis	Bronquitis aguda					2	1			3
91	Chronic bronchitis	Bronquitis crónica					1	1			2
92	Broncho-pneumonia	Bronco-pneumonia									
93	Pneumonia	Pneumonia					9		1	1	11
	V.	**V.**									
	Diseases of Digestive System.	**Enfermedades del Aparato Digestivo.**									
105	Diarrhea and enteritis (under 2 years)	Diarrea y enteritis (en niños menores de 2 años)						1			1
105a	Diarrhea and enteritis, chronic	Diarrea y enteritis crónica						4			4
106	Diarrhea and enteritis (2 years and over)	Diarrea y enteritis (en niños de 2 ó más años)						1			1
107	Intestinal parasites	Parasitos intestinales					1				1
108	Hernias: Intestinal obstructions	Hernias: obstrucciones intestinales							1		1
	VI.	**VI.**									
	Diseases of the Genito-Urinary System and its Adnexa.	**Enfermedades del Aparato Génito Urinario y sus Anexos.**									
119	Acute nephritis	Nefritis aguda					1	1			2
120	Bright's disease	Enfermedades de Bright						3			3
123	Diseases of the bladder	Enfermedades de la vejiga									
127	Metritis	Metritis									
	VII.	**VII.**									
	The Puerperal State.	**Estado Puerperal.**									
135	Puerperal hemorrhage	Hemorragia puerperal						1			1
	XI.	**XI.**									
	Early Infancy.	**Enfermedades de la Infancia.**									
151	Congenital debility, icterus, and sclerema	Debilidad congénita, ictericia y esclerema					1				1
	XIII.	**XIII.**									
	Affections Produced by External Causes.	**Afecciones Producidas por Causas Externas.**									
166	Other accidental traumatisms	Otros accidentes traumáticos					19				19
173	Inanition	Inanición					1				1
176	Other external violence	Otras violencias externas						1			1
	XIV.	**XIV.**									
	Ill-Defined Diseases.	**Enfermedades mal definidas.**									
179	Unspecified or ill-defined causes of death	Causas de muerte no especificadas ó mal definidas	1					1			2
	Total		2	1			73	38	6	1	121
	Grand total		3				111		7		121

NUMBER OF DEATHS BY RACE, SEX, AND AGE (TRANSIENTS INCLUDED).

CAUSE OF DEATH.	Less than one day to thirty days.								From thirty days to one year.								From one to five years.								From five to ten years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
I.																																
General Diseases.																																
1. Typhoid fever (abdominal typhus)																					2	1		1								
2. Exanthematic typhus																																
3. Recurrent fever																																
4. Intermittent fever and malarial cachexia																					1	3										
4a. Malarial cachexia																																
5. Variola																																
6. Measles																																
7. Scarlatina																																
8. Whooping cough																																
9. Diphtheria and croup																																
9a. Diphtheria																																
10. Grippe																																
11. Miliary fever																																
12. Asiatic cholera																																
13. Cholera nostras																																
14. Dysentery																					4	1							1			
14a. Epidemic dysentery																																
15. Plague																																
16. Yellow fever																																
17. Leprosy																																
18. Erysipelas														1																		
19. Other epidemic affections														1							1									1		
20. Purulent infection and septicæmia																																
21. Glanders and farcy																																
22. Malignant pustule and anthrax																																
23. Rabies																																
24. Actinomycosis, trichinosis, etc																																
25. Pellagra																																
26. Tuberculosis of larynx																																
27. Tuberculosis of lungs																																
28. Tuberculosis of meninges													2																			
29. Tuberculosis of abdomen																					3									2		
30. Pott's disease																																
31. Cold abscess and abscess by congestion																																
32. White swellings																																
33. Tuberculosis of other organs																																
34. Generalized tuberculosis																																
35. Scrofula																																
36. Syphilis																																
37. Gonorrhea of the adult																																
38. Gonococcic infections of children																																
39. Cancer and other malignant tumors of the buccal cavity																																
40. Cancer and other malignant tumors of the stomach and liver																																
41. Cancer and other malignant tumors of peritoneum, intestines, and rectum																																
42. Cancer and other malignant tumors of the female genitals																																
43. Cancer and other malignant tumors of the breast																																
44. Cancer and other malignant tumors of the skin																																
45. Cancer and other malignant tumors of other organs and organs not specified																																
46. Other tumors (tumors of the female genitals excepted)																																
47. Acute articular rheumatism																																
48. Chronic rheumatism and gout																																
49. Scurvy																																
50. Diabetes																																
51. Exophthalmic goiter																																
52. Addison's disease																																
53. Leukæmia																																
54. Anæmia, chlorosis												1																				
55. Other general diseases																																
56. Acute alcoholism or chronic																																
57. Lead poisoning																																
58. Other poisonings incident to occupations																																
59. Other chronic poisonings																																
II.																																
Diseases of the Nervous System and the Organs of Special Sense.																																
60. Encephalitis																																
61. Simple meningitis													10	13							8	2							1	1		
61a. Epidemic cerebro-spinal meningitis																																
62. Progressive locomotor ataxia																																
63. Other diseases of the spinal cord																																
64. Cerebral congestion and hemorrhage																																
65. Cerebral softening																																
66. Paralysis without apparent cause																																
67. General paralysis																																
68. Other forms of insanity																																
69. Epilepsy																																
70. Eclampsia (nonpuerperal)					1					1			4	5																		
71. Convulsions of children					38	44	1	1					107	106							2											
72. Tetanus					2	4																										
73. Chorea																																

NUMBER OF DEATHS BY RACE, SEX, AND AGE, ETC.—Continued.

CAUSE OF DEATH.	Less than one day to thirty days.								From thirty days to one year.								From one to five years.								From five to ten years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
II—Continued.																																
Diseases of the Nervous System and the Organs of Special Sense—Continued.																																
74. Other diseases of the nervous system													1																			
75. Diseases of the eye and its adnexa																																
76. Diseases of the ear																																
III.																																
Diseases of the Circulatory System.																																
77. Pericarditis																																
78. Acute endocarditis																																
79. Organic disease of the heart																																
80. Angina pectoris																													1	1		
81. Affections of the arteries (atheroma, aneurism, etc.)																																
82. Embolus and thrombosis																																
83. Affections of the veins (varices, hemorrhoides, phlebitis)																																
84. Affections of the lymphatic system (lymphangitis, etc.)																																
85. Hemorrhages																																
86. Other affections of the circulatory system																																
IV.																																
Diseases of the Respiratory System.																																
87. Diseases of the nasal fosse																																
88. Affections of the larynx																					1											
89. Affections of the thyroid body																																
90. Acute bronchitis											1		13	9								1										
91. Chronic bronchitis													15	16							1	4										
92. Broncho-pneumonia																					1	1										
93. Pneumonia						1								1																		
94. Pleurisy																																
95. Pulmonary congestion and apoplexy					3																											
96. Gangrene of the lungs																																
97. Asthma																					2											
98. Pulmonary emphysema																																
99. Other diseases of the respiratory system (phthisis excepted)																																
V.																																
Diseases of the Digestive System.																																
100. Affections of the mouth and its adnexa													1																			
101. Affections of the pharynx																																
102. Affections of the esophagus																																
103. Ulcer of the stomach																																
104. Other affections of the stomach (cancer excepted													1																			
105. Diarrhea and enteritis (under 2 years)					1	1							5	6							2											
105a. Chronic diarrhea and enteritis						1							10	6							6	4								1		
106. Diarrhea and enteritis (2 years and over)																					1	1										
107. Intestinal parasites																																
108. Hernias: Intestinal obstructions																																
109. Other affections of the intestines																																
110. Acute yellow atrophy of the liver																																
111. Hydatid tumors of the liver																																
112. Cirrhosis of the liver																																
113. Biliary calculi																																
114. Other affections of the liver																																
115. Affections of the spleen																																
116. Simple peritonitis (puerperal excepted)						1																										
117. Other affections of the digestive system (cancer and tuberculosis excepted)																																
118. Appendicitis and abscess of the iliac fossa																																
VI.																																
Diseases of the Genito-Urinary System and its Adnexa.																																
119. Acute nephritis													1																			
120. Bright's disease													1								1											
121. Other diseases of the kidneys and their adnexa																																
122. Calculi of the urinary tract																																
123. Diseases of the bladder																																
124. Diseases of the urethra, urinary abscess, etc																																
125. Diseases of the prostate																																
126. Nonvenereal diseases of the male genital organs																																
127. Metritis																																
128. Uterine hemorrhage (nonpuerperal)																																
129. Tumor, uterine (noncancerous)																																
130. Other diseases of the uterus																																
131. Cysts and other tumors of the ovary																																
132. Other diseases of the female genital organs																																
133. Nonpuerperal diseases of the breast (cancer excepted)																																

NUMBER OF DEATHS BY RACE, SEX, AND AGE, ETC.—Continued.

CAUSE OF DEATH.	Less than one day to thirty days.								From thirty days to one year.								From one to five years.								From five to ten years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
VII.																																
The Puerperal State.																																
134. Accidents of pregnancy																																
135. Puerperal hemorrhage																																
136. Other accidents of labor																																
137. Puerperal septicæmia																																
138. Albuminuria and puerperal eclampsia																																
139. Puerperal phlegmasia—alba dolens																																
140. Other puerperal accidents—sudden death																																
141. Puerperal diseases of the breast																																
VIII.																																
Diseases of the Skin and Cellular Tissue.																																
142. Gangrene																																
143. Furuncle																																
144. Warm-acute abscess																																
145. Other diseases of the skin and its adnexa																																
IX.																																
Diseases of the Organs of Locomotion.																																
146. Affections of the bones (nontuberculous)																																
147. Diseases of the joints (tuberculosis and rheumatism excepted)																																
148. Amputation																																
149. Other affections of the organs of locomotion																																
X.																																
Malformations.																																
150. Congenital malformations (stillbirths excepted)														1																		
XI.																																
Early Infancy.																																
151. Congenital debility, icterus and sclerema					13	12							1	1																		
152. Other special diseases of early infancy					2	2							1	2							1											
153. Lack of care																																
XII.																																
Old age.																																
154. Senile debility																																
XIII.																																
Affections Produced by External Causes.																																
155. Suicide by poison																																
156. Suicide by asphyxia																																
157. Suicide by hanging or strangulation																																
158. Suicide by submersion																																
159. Suicide by firearms																																
160. Suicide by cutting instruments																																
161. Suicide by jumping from high place																																
162. Suicide by crushing																																
163. Other suicides																																
164. Fractures																																
165. Dislocations																																
166. Other accidental traumatisms																																
167. Burns																																
168. Burning by corrosive substances																																
169. Insolation																																
170. Freezing																																
171. Electrical shocks																																
172. Accidental submersion																																
173. Inanition					1								1																			
174. Inhalation of deleterious gases (suicide excepted)																																
175. Other acute poisonings																																
176. Other external violence																																
XIV.																																
Ill-Defined Diseases.																																
177. Dropsy																																
178. Sudden death																																
179. Unspecified or ill-defined causes of death																													2			
Total					61	66	1	1		1	1	1	174	168							37	18		1					5	6		
Grand total					127		2		1		2		342								55		1						11			

NUMBER OF DEATHS BY RACE, SEX, AND AGE, ETC.—Continued.

CAUSE OF DEATH.	From ten to fifteen years.								From fifteen to twenty years.								From twenty to twenty-five years.								From twenty-five to thirty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
I.																																
General Diseases.																																
1. Typhoid fever (abdominal typhus)						1							3	1					2		1											
2. Exanthematic typhus																																
3. Recurrent fever																																
4. Intermittent fever and malarial cachexia													4	1	1						1								2			
4a. Malarial cachexia																													1			
5. Variola																																
6. Measles																																
7. Scarlatina																																
8. Whooping cough																																
9. Diphtheria and croup																																
9a. Diphtheria																																
10. Grippe																																
11. Miliary fever																																
12. Asiatic cholera																																
13. Cholera nostras																																
14. Dysentery													1								4					1			7		1	
14a. Epidemic dysentery																																
15. Plague															1																	
16. Yellow fever																																
17. Leprosy													1	1							1											
18. Erysipelas																																
19. Other epidemic affections													1	2							2	1	2						2	2		
20. Purulent infection and septicæmia																																
21. Glanders and farcy																																
22. Malignant pustule and anthrax																																
23. Rabies																																
24. Actinomycosis, trichinosis, etc																																
25. Pellagra																																
26. Tuberculosis of larynx													1																1	1		
27. Tuberculosis of lungs													3	2							11	4							11	9	1	
28. Tuberculosis of meninges																																
29. Tuberculosis of abdomen																																
30. Pott's disease																																
31. Cold abscess and abscess by congestion																																
32. White swellings																																
33. Tuberculosis of other organs																																
34. Generalized tuberculosis																																
35. Scrofula																																
36. Syphilis																																
37. Gonorrhea of the adult																																
38. Gonococcic infections of children																																
39. Cancer and other malignant tumors of the buccal cavity																																
40. Cancer and other malignant tumors of the stomach and liver																																
41. Cancer and other malignant tumors of peritoneum, intestines, and rectum																																
42. Cancer and other malignant tumors of the female genitals																																
43. Cancer and other malignant tumors of the breast																																
44. Cancer and other malignant tumors of the skin																																
45. Cancer and other malignant tumors of other organs and organs not specified																																
46. Other tumors (tumors of the female genitals excepted)																																
47. Acute articular rheumatism													1																			
48. Chronic rheumatism and gout																																
49. Scurvy																																
50. Diabetes																																
51. Exophthalmic, goiter																																
52. Addison's disease																																
53. Leukæmia																																
54. Anæmia, chlorosis																																
55. Other general diseases						1																										
56. Acute alcoholism or chronic																																
57. Lead-poisoning																																
58. Other poisonings incident to occupations																																
59. Other chronic poisonings																																
II.																																
Diseases of the Nervous System and the Organs of Special Sense.																																
60. Encephalitis																																
61. Simple meningitis													1																			
61a. Epidemic cerebro-spinal meningitis																																
62. Progressive locomotor ataxia																																
63. Other diseases of the spinal cord																																
64. Cerebral congestion and hemorrhage																																
65. Cerebral softening																																
66. Paralysis without apparent cause																																
67. General paralysis																																
68. Othier forms of insanity																																
69. Epllepsy																																
70. Ecnampsia (nonpuerperal)																																
71. Cotvulsions of children																																
72. Teanus																																
73. Chorea																																

NUMBER OF DEATHS BY RACE, SEX, AND AGE, ETC.—Continued.

CAUSE OF DEATH.	From ten to fifteen years.								From fifteen to twenty years.								From twenty to twenty-five years.								From twenty-five to thirty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
II.—Continued.																																
Diseases of the Nervous System and the Organs of Special Sense—Continued.																																
74. Other diseases of the nervous system																																
75. Diseases of the eye and its adnexa																																
76. Diseases of the ear																																
III.																																
Diseases of the Circulatory System.																																
77. Pericarditis																																
78. Acute endocarditis													1	1																		
79. Organic disease of the heart																																
80. Angina pectoris																						1								1		
81. Affections of the arteries (atheroma, aneurism, etc.)																																
82. Embolus and thrombosis													1																			
83. Affections of the veins (varices, hemorrhoides, phlebitis)																																
84. Affections of the lymphatic system (lymphangitis, etc.)																																
85. Hemorrhages																																
86. Other affections of the circulatory system																																
IV.																																
Diseases of the Respiratory System.																																
87. Diseases of the nasal fossæ																																
88. Affections of the larynx																																
89. Affections of the thyroid body																																
90. Acute bronchitis																																
91. Chronic bronchitis																																
92. Broncho-pneumonia																																
93. Pneumonia						1							2								3								2			
94. Pleurisy																																
95. Pulmonary congestion and apoplexy																																
96. Gangrene of the lungs																																
97. Asthma																																
98. Pulmonary emphysema																																
99. Other diseases of the respiratory system (phthisis excepted)																													1			
V.																																
Diseases of the Digestive System.																																
100. Affections of the mouth and its adnexa																																
101. Affections of the pharynx																																
102. Affections of the esophagus																																
103. Ulcer of the stomach																																
104. Other affections of the stomach (cancer excepted)																																
105. Diarrhea and enteritis (under 2 years)																																
105a. Chronic diarrhea and enteritis																						1										
106. Diarrhea and enteritis (2 years and over)																																
107. Intestinal parasites					1																											
108. Hernias: Intestinal obstructions																																
109. Other affections of the intestines																																
110. Acute yellow atrophy of the liver																																
111. Hydatid tumors of the liver																																
112. Cirrhosis of the liver																																
113. Biliary calculi																																
114. Other affections of the liver																																
115. Affections of the spleen																																
116. Simple peritonitis (puerperal excepted)																																
117. Other affections of the digestive system (cancer and tuberculosis excepted)																																
118. Appendicitis and abscess of the iliac fossa																																
VI.																																
Diseases of the Genito-Urinary System and its Adnexa.																																
119. Acute nephritis																																
120. Bright's disease																																
121. Other diseases of the kidneys and their adnexa																																
122. Calculi of the urinary tract																																
123. Diseases of the bladder																														1		
124. Diseases of the urethra, urinary abscess, etc																																
125. Diseases of the prostate																																
126. Nonvenereal diseases of the male genital organs																																
127. Metritis																																
128. Uterine hemorrhage (nonpuerperal)																																
129. Tumor, uterine (noncancerous)																																
130. Other diseases of the uterus																																
131. Cysts and other tumors of the ovary																																
132. Other diseases of the female genital organs																																
133. Nonpuerperal diseases of the breast (cancer excepted)																																

NUMBER OF DEATHS BY RACE, SEX, AND AGE, ETC.—Continued.

CAUSE OF DEATH.	From ten to fifteen years.								From fifteen to twenty years.								From twenty to twenty-five years.								From twenty-five to thirty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
VII. The Puerperal State.																																
134. Accidents of pregnancy																																
135. Puerperal hemorrhage														1																1		
136. Other accidents of labor																						1										
137. Puerperal septicæmia																																
138. Albuminuria and puerperal eclampsia																																1
139. Puerperal phlegmasia—alba dolens																																
140. Other puerperal accidents—sudden death																																
141. Puerperal diseases of the breast																																
VIII. Diseases of the Skin and Cellular Tissue.																																
142. Gangrene																																
143. Furuncle																																
144. Warm-acute abscess																																
145. Other diseases of the skin and its adnexa																																
IX. Diseases of the Organs of Locomotion.																																
146. Affections of the bones (nontuberculous)																																
147. Diseases of the joints (tuberculosis and rheumatism excepted)																																
148. Amputation																																
149. Other affections of the organs of locomotion																																
X. Malformations.																																
150. Congenital malformations (stillbirths excepted)																																
XI. Early Infancy.																																
151. Congenital debility, icterus and sclerema																																
152. Other special diseases of early infancy																																
153. Lack of care																																
XII. Old age.																																
154. Senile debility																																
XIII. Affections Produced by External Causes.																																
155. Suicide by poison																																
156. Suicide by asphyxia																																
157. Suicide by hanging or strangulation																																
158. Suicide by submersion																																
159. Suicide by firearms																																
160. Suicide by cutting instruments																																
161. Suicide by jumping from high place																																
162. Suicide by crushing																																
163. Other suicides																																
164. Fractures														1																		
165. Dislocations																														8		
166. Other accidental traumatisms														3								3										
167. Burns																																
168. Burning by corrosive substances																																
169. Insolation																																
170. Freezing																																
171. Electrical shocks																																
172. Accidental submersion																														1		
173. Inanition																																
174. Inhalation of deleterious gases (suicide excepted)																																
175. Other acute poisonings																																
176. Other external violence															1																	
XIV. Ill-Defined Diseases.																																
177. Dropsy																																
178. Sudden death																																
179. Unspecified or ill-defined causes of death							2								1																	
Total					1		5							24	11	2				2		26	8	2			1			36	15	2	1
Grand total					6									35		2				2		34		2		1				51		3

NUMBER OF DEATHS BY RACE, SEX, AND AGE, ETC.—Continued.

CAUSE OF DEATH.	From thirty to thirty-five years.								From thirty-five to forty years.								From forty to forty-five years.								From forty-five to fifty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
I.																																
General Diseases.																																
1. Typhoid fever (abdominal typhus)														1																		
2. Exanthematic typhus																																
3. Recurrent fever																																
4. Intermittent fever and malarial cachexia					1																2								1			
4a. Malarial cachexia																																
5. Variola																																
6. Measles																																
7. Scarlatina																																
8. Whooping cough																																
9. Diphtheria and croup																																
9a. Diphtheria																																
10. Grippe																																
11. Miliary fever																																
12. Asiatic cholera																																
13. Cholera nostras																																
14. Dysentery	1				1				1				2	1															1			
14a. Epidemic dysentery																																
15. Plague																																
16. Yellow fever																																
17. Leprosy					1									1							1											
18. Erysipelas																																
19. Other epidemic affections					2	3	2															1	2						3			
20. Purulent infection and septicæmia																																
21. Glanders and farcy																																
22. Malignant pustule and anthrax																																
23. Rabies																																
24. Actinomycosis, trichinosis, etc																																
25. Pellagra																																
26. Tuberculosis of larynx					1																1	1							1			
27. Tuberculosis of lungs					1	3	2						5	2	4						6	4							4	5	1	
28. Tuberculosis of meninges																																
29. Tuberculosis of abdomen													1																			
30. Pott's disease																																
31. Cold abscess and abscess by congestion																																
32. White swellings																																
33. Tuberculosis of other organs						1																										
34. Generalized tuberculosis													2																			
35. Scrofula																																
36. Syphilis																																
37. Gonorrhea of the adult																																
38. Gonococcic infections of children																																
39. Cancer and other malignant tumors of the buccal cavity																																
40. Cancer and other malignant tumors of the stomach and liver																																
41. Cancer and other malignant tumors of peritoneum, intestines, and rectum																																
42. Cancer and other malignant tumors of the female genitals																														1		
43. Cancer and other malignant tumors of the breast																																
44. Cancer and other malignant tumors of the skin																																
45. Cancer and other malignant tumors of other organs and organs not specified																																
46. Other tumors (tumors of the female genitals excepted)																																
47. Acute articular rheumatism																																
48. Chronic rheumatism and gout																																
49. Scurvy																																
50. Diabetes																																
51. Exophthalmic goiter																																
52. Addison's disease																																
53. Leukæmia																																
54. Anæmia, chlorosis					1	1																										
55. Other general diseases																																
56. Acute alcoholism or chronic																																
57. Lead poisoning																																
58. Other poisonings incident to occupations																																
59. Other chronic poisonings																																
II.																																
Diseases of the Nervous System and the Organs of Special Sense.																																
60. Encephalitis																																
61. Simple meningitis																																
61a. Epidemic cerebro-spinal meningitis																																
62. Progressive locomotor ataxia																																
63. Other diseases of the spinal cord																																
64. Cerebral congestion and hemorrhage						1															1	1							1			
65. Cerebral softening						1																										
66. Paralysis without apparent cause																																
67. General paralysis														1																		
68. Other forms of insanity																																
69. Epilepsy																																
70. Eclampsia (nonpuerperal)																																
71. Convulsions of children																																
72. Tetanus						1							1																			
73. Chorea																																

NUMBER OF DEATHS BY RACE, SEX, AND AGE, ETC.—Continued.

CAUSE OF DEATH.	From thirty to thirty-five years.								From thirty-five to forty years.								From forty to forty-five years.								From forty-five to fifty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
II—Continued.																																
Diseases of the Nervous System and the Organs of Special Sense—Continued.																																
74. Other diseases of the nervous system																																
75. Diseases of the eye and its adnexa																																
76. Diseases of the ear																																
III.																																
Diseases of the Circulatory System.																																
77. Pericarditis																																
78. Acute endocarditis															1						1											
79. Organic disease of the heart							1																2								1	
80. Angina pectoris																																
81. Affections of the arteries (atheroma, aneurism, etc.)																																
82. Embolus and thrombosis																																
83. Affections of the veins (varices, hemorrhoides, phlebitis)																																
84. Affections of the lymphatic system (lymphangitis, etc.)																																
85. Hemorrhages																																
86. Other affections of the circulatory system																																
IV.																																
Diseases of the Respiratory System.																																
87. Diseases of the nasal fossæ																																
88. Affections of the larynx					1																											
89. Affections of the thyroid body																																
90. Acute bronchitis																																
91. Chronic bronchitis																																
92. Broncho-pneumonia																																
93. Pneumonia					2			1					1										1						1			
94. Pleurisy																																
95. Pulmonary congestion and apoplexy																																
96. Gangrene of the lungs																																
97. Asthma																					1									1		
98. Pulmonary emphysema																																
99. Other diseases of the respiratory system (phthisis excepted)																																
V.																																
Diseases of the Digestive System.																																
100. Affections of the mouth and its adnexa																																
101. Affections of the pharynx																																
102. Affections of the esophagus																							1									
103. Ulcer of the stomach			1																													
104. Other affections of the stomach (cancer excepted)																																
105. Diarrhea and enteritis (under 2 years)																																
105a. Chronic diarrhea and enteritis													1		1		1															
106. Diarrhea and enteritis (2 years and over)															1														1			
107. Intestinal parasites																																
108. Hernias: Intestinal obstructions							1																									
109. Other affections of the intestines																																
110. Acute yellow atrophy of the liver																																
111. Hydatid tumors of the liver																																
112. Cirrhosis of the liver																																
113. Biliary calculi																																
114. Other affections of the liver																																
115. Affections of the spleen																																
116. Simple peritonitis (puerperal excepted)																																
117. Other affections of the digestive system (cancer and tuberculosis excepted)																																
118. Appendicitis and abscess of the iliac fossa																																
VI.																																
Diseases of the Genito-Urinary System and its Adnexa.																																
119. Acute nephritis							1																									
120. Bright's disease							1																								1	
121. Other diseases of the kidneys and their adnexa																																
122. Calculi of the urinary tract																																
123. Diseases of the bladder																											1					
124. Diseases of the urethra, urinary abscess, etc																																
125. Diseases of the prostate																																
126. Nonvenereal diseases of the male genital organs																																
127. Metritis																							1									
128. Uterine hemorrhage (nonpuerperal)																																
129. Tumor, uterine (noncancerous)																																
130. Other diseases of the uterus																																
131. Cysts and other tumors of the ovary																																
132. Other diseases of the female genital organs																																
133. Nonpuerperal diseases of the breast (cancer excepted)																																

NUMBER OF DEATHS BY RACE, SEX, AND AGE, ETC.—Continued.

CAUSE OF DEATH.	From thirty to thirty-five years.								From thirty-five to forty years.								From forty to forty-five years.								From forty-five to fifty years.							
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
VII.																																
The Puerperal State.																																
134. Accidents of pregnancy																																
135. Puerperal hemorrhage						1								1																		
136. Other accidents of labor																																
137. Puerperal septicæmia						1																										
138. Albuminuria and puerperal eclampsia																																
139. Puerperal phlegmasia—alba dolens																																
140. Other puerperal accidents—sudden death																																
141. Puerperal diseases of the breast																																
VIII.																																
Diseases of the Skin and Cellula Tissue.																																
142. Gangrene																																
143. Furuncle																																
144. Warm-acute abscess																																
145. Other diseases of the skin and its adnexa																																
IX.																																
Diseases of the Organs of Locomotion.																																
146. Affections of the bones (nontuberculous)																																
147. Diseases of the joints (tuberculosis and rheumatism excepted)																																
148. Amputation																																
149. Other affections of the organs of locomotion																																
X.																																
Malformations.																																
150. Congenital malformations (stillbirths excepted)																																
XI.																																
Early Infancy.																																
151. Congenital debility, icterus and sclerema																																
152. Other special diseases of early infancy																																
153. Lack of care																																
XII.																																
Old Age.																																
154. Senile debility																																
XIII.																																
Affections Produced by External Causes.																																
155. Suicide by poison																																
156. Suicide by asphyxia																																
157. Suicide by hanging or strangulation																																
158. Suicide by submersion																																
159. Suicide by firearms																																
160. Suicide by cutting instruments																																
161. Suicide by jumping from high place																																
162. Suicide by crushing																																
163. Other suicides																																
164. Fractures																																
165. Dislocations																																
166. Other accidental traumatisms					5																2	1										
167. Burns																																
168. Burning by corrosive substances																																
169. Insolation																																
170. Freezing																																
171. Electrical shocks																																
172. Accidental submersion																																
173. Inanition																																
174. Inhalation of deleterious gases (suicide excepted)																																
175. Other acute poisonings																																
176. Other external violence																																
XIV.																																
Ill-Defined Diseases.																																
177. Dropsy																																
178. Sudden death																																
179. Unspecified or ill-defined causes of death						1											1															
Total	1		1		16	16	6	1	1				13	10	5		1				15	9	6				1		13	7	3	
Grand total	1		1		32		7		1				23		5		1				24		6				1		20		3	

NUMBER OF DEATHS BY RACE, SEX, AND AGE, ETC.—Continued.

CAUSE OF DEATH.	From fifty upward.								Unknown.								Total.								Grand total.
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
I.																									
General Diseases.																									
1. Typhoid fever (abdominal typhus)						1													2		6	5		1	14
2. Exanthematic typhus																									
3. Recurrent fever																									
4. Intermittent fever and malarial cachexia									1				3	2			1				15	6	1		23
4a. Malarial cachexia																					1				1
5. Variola																									
6. Measles																									
7. Scarlatina																									
8. Whooping cough																									
9. Diphtheria and croup																									
9a. Diphtheria																									
10. Grippe																									
11. Miliary fever																									
12. Asiatic cholera																									
13. Cholera nostras																									
14. Dysentery					1	3											2	1			22	5	1		31
14a. Epidemic dysentery																									
15. Plague																							1		1
16. Yellow fever																									
17. Leprosy					1																5	2			7
18. Erysipelas																						1			1
19. Other epidemic affections					4	5															15	16	6		37
20. Purulent infection and septicæmia																									
21. Glanders and farcy																									
22. Malignant pustule and anthrax																									
23. Rabies																									
24. Actinomycosis, trichinosis, etc																									
25. Pellagra																									
26. Tuberculosis of larynx					8		1														8	2	1		11
27. Tuberculosis of lungs					10	5															51	34	8		93
28. Tuberculosis of meninges																					2				2
29. Tuberculosis of abdomen						2															4	4			8
30. Pott's disease																									
31. Cold abscess and abscess by congestion																									
32. White swellings																									
33. Tuberculosis of other organs																						1			1
34. Generalized tuberculosis																					2				2
35. Scrofula																									
36. Syphilis																									
37. Gonorrhea of the adult																									
38. Gonococcic infections of children																									
39. Cancer and other malignant tumors of the buccal cavity						1																1			1
40. Cancer and other malignant tumors of the stomach and liver																									
41. Cancer and other malignant tumors of peritoneum, intestines, and rectum																									
42. Cancer and other malignant tumors of the female genitals						1																2			2
43. Cancer and other malignant tumors of the breast																									
44. Cancer and other malignant tumors of the skin																									
45. Cancer and other malignant tumors of other organs and organs not specified																									
46. Other tumors (tumors of the female genitals excepted)																									
47. Acute articular rheumatism						1															1	1			2
48. Chronic rheumatism and gout					1	5															1	5			6
49. Scurvy																									
50. Diabetes																									
51. Exophthalmic goiter																									
52. Addisson's disease																									
53. Leukæmia																									
54. Anæmia, chlorosis						1														1	1	2			4
55. Other general diseases																						1			1
56. Acute alcoholism or chronic																									
57. Lead poisoning																									
58. Other poisonings incident to occupations																									
59. Other chronic poisonings																									
II.																									
Diseases of the Nervous System and the Organs of Special Sense.																									
60. Encephalitis																									
61. Simple meningitis																					20	16			36
61a. Epidemic cerebro-spinal meningit is																									
62. Progressive locomotor ataxia																									
63. Other diseases of the spinal cord																									
64. Cerebral congestion and hemorrhage					1	5															3	7			10
65. Cerebral softening																						1			1
66. Paralysis without apparent cause																									
67. General paralysis																						1			1
68. Other forms of insanity																									
69. Epilepsy													1								1				1
70. Eclampsia (nonpuerperal)																		1			5	5			11
71. Convulsions of children																					147	150	1	1	299
72. Tetanus																					3	5			8
73. Chorea																									

NUMBER OF DEATHS BY RACE, SEX, AND AGE, ETC.—Continued.

CAUSE OF DEATH.	From fifty upward.								Unknown.								Total.								Grand total.
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
II—Continued.																									
Diseases of the Nervous System and the Organs of Special Sense—Continued.																									
74. Other diseases of the nervous system																					1				1
75. Diseases of the eye and its adnexa																									
76. Diseases of the ear																									
III.																									
Diseases of the Circulatory System.																									
77. Pericarditis																									
78. Acute endocarditis																					2	2			4
79. Organic disease of the heart				1	2	3													1		2	3	4		10
80. Angina pectoris					1	1															2	4			6
81. Affections of the arteries (atheroma, aneurism, etc.)						1																1			1
82. Embolus and thrombosis																					1				1
83. Affections of the veins (varices, hemorrhoides, phlebitis)																									
84. Affections of the lymphatic system (lymphangitis, etc.)																									
85. Hemorrhages																									
86. Other affections of the circulatory system																									
IV.																									
Diseases of the Respiratory System.																									
87. Diseases of the nasal fossæ																									
88. Affections of the larynx																					2				2
89. Affections of the thyroid body																									
90. Acute bronchitis																			1		13	10			24
91. Chronic bronchitis					2																18	20			38
92. Broncho-pneumonia																					1	1			2
93. Pneumonia					2																13	3	1	1	18
94. Pleurisy					1																1				1
95. Pulmonary congestion and apoplexy																					3				3
96. Gangrene of the lungs																									
97. Asthma					1																4	1			5
98. Pulmonary emphysema																									
99. Other diseases of the respiratory system (phthisis excepted)																					1				1
V.																									
Diseases of the Digestive System.																									
100. Affections of the mouth and its adnexa																					1				1
101. Affections of the pharynx																									
102. Affections of the esophagus																							1		1
103. Ulcer of the stomach																			1						1
104. Other affections of the stomach (cancer excepted)																					1				1
105 Diarrhea and enteritis (under 2 years)																					8	7			15
105a Chronic diarrhea and enteritis					1	4															18	18	1		37
106. Diarrhea and enteritis (2 years and over)						1															2	3			5
107. Intestinal parasites																					1				1
108. Hernias: Intestinal obstructions																							1		1
109. Other affections of the intestines																									
110. Acute yellow atrophy of the liver																									
111. Hydatid tumors of the liver					1																1				1
112. Cirrhosis of the liver																									
113. Biliary calculi																									
114. Other affections of the liver																									
115. Affections of the spleen																									
116. Simple peritonitis (puerperal excepted)																						1			1
117. Other affections of the digestive system (cancer and tuberculosis excepted)																									
118. Appendicitis and abscess of the iliac fossa																									
VI.																									
Diseases of the Genito-Urinary System and its Adnexa.																									
119. Acute nephritis					1																2	1			3
120. Bright's disease					1	4															3	5	1		9
121. Other diseases of the kidneys and their adnexa																									
122. Calculi of the urinary tract																									
123. Diseases of the bladder																			1			1			2
124. Diseases of the urethra, urinary abscess, etc																									
125. Diseases of the prostate																									
126. Nonvenereal diseases of the male genital organs																									
127. Metritis						1																2			2
128. Uterine hemorrhage (nonpuerperal)																									
129. Tumor, uterine (noncancerous)																									
130. Other diseases of the uterus																									
131. Cysts and other tumors of the ovary																									
132. Other diseases of the female genital organs																									
133. Nonpuerperal diseases of the breast (cancer excepted)																									

NUMBER OF DEATHS BY RACE, SEX, AND AGE, ETC.—Continued.

CAUSE OF DEATH.	From fifty upward.								Unknown.								Total.								Grand total.
	A.		E.		F.		C.		A.		E.		F.		C.		A.		E.		F.		C.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
VII.																									
The Puerperal State.																									
134. Accidents of pregnancy																									
135. Puerperal hemorrhage																						4			4
136. Other accidents of labor																									
137. Puerperal septicæmia																						2			2
138. Albuminuria and puerperal eclampsia																									
139. Puerperal phlegmasia—alba dolens																								1	1
140. Other puerperal accidents—sudden death																									
141. Puerperal diseases of the breast																									
VIII.																									
Diseases of the Skin and Cellular Tissue.																									
142. Gangrene																									
143. Furuncle																									
144. Warm-acute abscess																									
145. Other diseases of the skin and its adnexa																									
IX.																									
Diseases of the Organs of Locomotion.																									
146. Affections of the bones (nontuberculous)																									
147. Diseases of the joints (tuberculosis and rheumatism excepted)																									
148. Amputation																									
149. Other affections of the organs of locomotion																									
X.																									
Malformations.																									
150. Congenital malformations (stillbirths excepted)																						1			1
XI.																									
Early Infancy.																									
151. Congenital debility, icterus and sclerema																					14	13			27
152. Other special diseases of early infancy																					4	4			8
153. Lack of care																									
XII.																									
Old Age.																									
154. Senile debility					8	14															8	14			22
XIII.																									
Affections Produced by External Causes.																									
155. Suicide by poison																									
156. Suicide by asphyxia																									
157. Suicide by hanging or strangulation																									
158. Suicide by submersion																									
159. Suicide by firearms																									
160. Suicide by cutting instruments																									
161. Suicide by jumping from high place																									
162. Suicide by crushing																									
163. Other suicides																									
164. Fractures																					1				1
165. Dislocations																									
166. Other accidental traumatisms					1																22	1			23
167. Burns																									
168. Burning by corrosive substances																									
169. Insolation																									
170. Freezing																									
171. Electrical shocks																									
172. Accidental submersion													1								2				2
173. Inanition																					2				2
174. Inhalation of deleterious gases (suicide excepted)																									
175. Other acute poisonings																									
176. Other external violence																						1			1
XIV.																									
Ill-Defined Diseases.																									
177. Dropsy																									
178. Sudden death																									
179. Unspecified or ill-defined causes of death						1											1				2	5			8
Total				1	43	60	1		1				5	2			4	2	5	2	469	401	28	4	915
Grand total			1		103		1		1				7				6		7		870		32		915

Of the total number of deaths occurring during the month of December, 1904, 915, including transients, 547 were of persons less than 16 years of age. Of the remaining 368 adults of both sexes, only 211, classified below, had definite occupations:

Sex and occupation.	Number.	Sex and occupation.	Number.	Sex and occupation.	Number.
Males:		Males—Continued.		Females:	
Barber	1	Laborers	54	Candle sellers	2
Blacksmith	1	Laundrymen	2	Cigarette maker	1
Boatmen	3	Machinists	2	Cigar makers	8
Boiler maker	1	Mason	1	Embroiderers	4
Bookkeeper	1	Merchants	4	Fisherman	1
Broker	1	Messengers	2	Laborer	1
Carpenters	7	Painter	1	Landlady	1
Carriage makers	2	Philippines Constabulary	2	Laundrywomen	13
Carrier	1	Policeman	1	Mat maker	1
Cashier	1	Porter	1	Merchants	2
Clerks	9	Sailors	5	Milk seller	1
Coal dealer	1	Salesman	1	Property owner	1
Cooks	8	Shoemaker	1	Seamstresses	26
Domestics	5	Shopkeepers	2	Shopkeepers	7
Drivers	6	Students	3	Servants	3
Fireman	1	Tailors	4	Sister of charity	1
Foreman	1	Watchmaker	1	Teacher	1
Fishermen	3				
Grass seller	1	Total	137	Total	74
Grocer	1			Grand total	211

Bilibid Prison sick report.

Diseases.	Total sick as per last report.	Taken since last report.	Died.	Discharged.	Total number sick this date.
Abscess, traumatic, of thigh and empyema of left pleural cavity		1	1		
Acute enteritis		1			1
Acute otitis media		1			1
Acute pharyngitis		1			1
Beri-beri, acute		1	1		
Bronchitis, acute	1	5		6	
Cellulitis of the face	1			1	
Chicken pox		16		15	1
Chronic interstitial nephritis		1		1	
Chronic interstitial nephritis and bronchitis acute	1			1	
Chronic interstitial nephritis and fever, malarial remittent		1		1	
Compound comminuted gunshot wounds of tibia and fibula (osteorraphy)		1			1
Compound comminuted gunshot wounds, shaft of humerus (osteorraphy)		1			1
Compound comminuted gunshot wounds, fracture of the lower end of femur		1			1
Epilepsy and laryngitis, acute		1		1	
Fever, malarial intermittent	1	25	2	21	3
Fever, malarial intermittent, and lobar pneumonia		1	1		
Fever, malarial intermittent, chronic interstitial nephritis, and lobar pneumonia		1	1		
Fever, malarial remittent	4		1	3	
General miliary tuberculosis and intestinal amebiasis		1	1		
Gastric ulcer		2		2	
Gunshot wounds of body		1		1	
Gunshot wound of head		1		1	
Gunshot wounds of left foot and right hand. Gangrene, foot and leg amputation, lower third of thigh		1			1
Gunshot wounds of left hand, right breast, and right arm		1			1
Gunshot wounds of left thigh, right knee, and right buttock		1		1	
Gunshot wound of left thigh		2		2	
Gunshot wounds of chin and left breast		1		1	
Gunshot wounds, back of shoulder and fracture of finger (right hand)		1		1	
Gunshot wounds of both knees and right breast		1		1	
Gunshot wounds of left arm, right thigh, right buttock, and left groin		1		1	
Gunshot wounds of left thigh, left calf, and right thigh		1		1	
Gunshot wounds of left knee and right finger		1		1	
Gunshot wounds of left ankle and penis		1		1	
Gunshot wounds of right thigh, left thigh, through testicles, right arm, and right clavicle (fracture)		1			1
Gunshot wounds of left knee and calf		1			1
Gunshot wound of abdomen		1	1		
Intestinal amebiasis	2	29	5	20	6
Intestinal amebiasis and lobar pneumonia		1	1		
Infected wound of leg		1		1	
Infected wound of hand		1		1	
Infected wound of axilla		1		1	
Laryngitis, acute	1			1	
Lobar pneumonia	6	14	9	10	1
Lobar pneumonia, pulmonary tuberculosis, and intestinal amebiasis		1	1		
Malarial cachexia		1		1	
Measles		3		3	
Multiple gunshot wounds of body and head		41	17	24	
Multiple gunshot wounds in chest and abdomen		1	1		
Nephritis, acute		1		1	
Orchitis, acute		1		1	
Orchitis (subacute)	1			1	
Pleurisy, acute, and lobar pneumonia	1		1		
Pulmonary tuberculosis		2	2		
Pulmonary tuberculosis and intestinal amebiasis		5	5		
Purulent conjunctivitis	1	1		2	
Purulent conjunctivitis and fever, malarial remittent		1	1		
Rheumatism, acute articular	1			1	
Senility and pulmonary tuberculosis		1	1		
Uremia		1	1		
Pulmonary tuberculosis (Hospital B)	58	7	16		49
Total	79	193	70	132	70

Total number prisoners, 4,419; convalescents, 27; disabled, 120; insane, 5.

Bilibid Prison report of deaths.

Disease.	Presidio.				Carcel.				Total.	Condition.				Cemeteries.	
	Filipinos.		Chinese.		Filipinos.		Chinese.			Married.	Single.	Widowers.	Unknown.	Norte.	Loma.
	M.	F.	M.	F.	M.	F.	M.	F.							
Intermittent fever and malarial cachexia	1				3				4	1	3			4	
Dysentery	5				6				11	6	5			11	
Beri-beri					1				1	1				1	
Tuberculosis of lungs	7				10	1			18	9	9			18	
Generalized tuberculosis	1								1	1				1	
Embolus and thrombosis					1				1		1			1	
Pneumonia	5				7				12	5	6	1		12	
Acute nephritis					1				1		1			1	
Other accidental traumatisms	2				19				21	12	7		2	21	
Total	21				48	1			70	35	32	1	2	70	

Report of San Lazaro Hospital, Women's and Leper Departments.

	Leper department.[1]							Women's department.[2]				
	Europeans.		Filipinos.		Chinese.		Total.	Americans.	Europeans.	Filipinas.	Japanese.	Total.
	M.	F.	M.	F.	M.	F.						
Number of patients in hospital at last report		1	130	89	1		221	2	3	50	16	71
Number of patients received during the month			20	10			30			4	9	13
Number of patients discharged				1			1	2	2	30	12	46
Number of patients transferred				1			1		1	24	13	38
Number of deaths			5	1			6					
Number of patients escaped			1				1					
Number of patients remaining in hospital		1	144	96	1		242					

[1] Died, 5 male and 1 female Filipinos. Escaped, 1 male Filipino. Discharged, not having leprosy, 1 female Filipina. Transferred to cholera department, 1 female Filipina, diagnosis, "tetanus."

[2] Discharged cured, 2 Americans, 2 Europeans, 30 Filipinas, and 12 Japanese. Transferred to Sampaloc Hospital, 1 European, 24 Filipinas, and 13 Japanese.

Report of Sampaloc Hospital, Women's Department.

Status.	Filipinas.	Japanese.	Others.	Total.
Number of patients in hospital at last report	51	16	5	72
Number of patients received during the month	43	29	1	73
Number of patients discharged	54	37	6	97
Number of deaths				
Number of patients disposed of				
Number of patients remaining in hospital	40	8		48

Report of prescriptions filled at the Municipal Dispensaries.

Health districts.	Americans.				Foreigners.				Filipinos.				Chinese.				Total.
	Adults.		Children.		Adults.		Children.		Adults.		Children.		Adults.		Children.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
No. 1, San Nicolas									176	129	57	43					405
No. 2, Tondo	2								257	225	56	42					582
No. 3, Quiapo					6				118	174	27	29					354
No. 4, Santa Cruz									83	60	26	7					176
No. 5, Sampaloc									166	151	80	57					454
No. 6, Intramuros									112	85	21	7					225
No. 7, Ermita						43			370	136	97	154					800
Total	2				6	43			1,282	960	364	339					2,996

NOTE.—Twenty-four requisitions for antiseptic bandages, medicines, etc., were made by the medical inspector of the sanitary station of Tondo for the use of the clinic established in the same.

Report of sick and wounded city poor attended by municipal physicians.

Health districts and physicians.	Americans.				Foreigners.				Filipinos.				Chinese.				Total.	Cured.		Deaths.		Number of visits.
	Adults.		Children.		Adults.		Children.		Adults.		Children.		Adults.		Children.							
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.		M.	F.	M.	F.	
No. 1, San Nicolas, Dr. F. Herrera									25	21	11	8					65	15	15	2		288
No. 2, Tondo, Dr. V. Pantoja									48	65	22	16					151	46	52	7	7	341
No. 3, Quiapo, Dr. P. Gabriel					2	1			30	44	8	9					94	18	25	5	11	200
No. 4, Santa Cruz, Dr. C. Reyes									22	18	6	2					48	16	14	1	1	233
No. 5, Sampaloc, Dr. F. Castañeda									34	72	32	26					164	21	47	11	7	305
No. 6 Intramuros, Dr. V. Cavanna									30	32	15	11					88	23	21	2	1	438
No. 7, Malate, Ermita, etc., Dr. J. B. Cabarrus						1			40	34	14	13					102	30	27	4	6	332
Total					2	2			229	286	108	85					712	169	201	32	33	2,137

Burials and disinterments.

Cemetery.	Number.
BURIALS.	
Loma (Government)	459
Norte (Government)	123
Paco general (Government)	26
Santa Cruz	7
Binondo	15
Balic-balic	125
Maytubig	39
Malate	43
Pandacan (Romano)	11
Pandacan (Filipino)	27
Santa Ana	25
Chinese	28
American National Cemetery	4
BURIALS—continued.	
Crematory	4
San Pedro Macati	1
Total	[1] 937
DISINTERMENTS.	
Paco	8
Santa Cruz	7
Tondo	1
Chinese	10
Total	26

[1] Of the total number of burials two were of persons who died in the provinces and were buried in the cemeteries of the city, and are not included in the mortality table.

General inspection of houses, premises, vaults, etc., with improvements ordered, disinfected, whitewashed, cleaned, etc. by medical inspectors, sanitary inspectors, and assistant sanitary inspectors.

1. Houses inspected by sanitary inspectors	2,572
2. Houses reinspected for verification of work ordered	848
3. Houses inspected by assistant sanitary inspectors	22,307
4. Houses reinspected by assistant sanitary inspectors	8,837
5. Houses ordered cleaned (written)	0
6. Houses ordered cleaned (verbal)	6,918
7. Houses cleaned	6,382
8. Houses ordered whitewashed and painted	34
9. Houses whitewashed and painted	25
10. Houses disinfected	101
11. Houses recommended condemned and removed	27
12. Houses condemned and removed	0
13. Number of localities where "squatters" are located	55
14. Number of samples of water, food, etc., sent to Laboratory	2
15. Number of reports from same	2
16. Number of fire plugs opened or closed for sanitary purposes	0
17. Number of hydrants recommended reopened	0
18. Number of houses where garbage has not been removed for two days	212
19. Number of persons reported sick to municipal physicians	388
20. Cesspools and vaults ordered cleaned	371
21. Cesspools cleaned	367
22. Yards ordered cleaned	2,802
23. Yards cleaned	2,602
24. Yards ordered repaired (repaved, etc.)	3
25. Yards repaired	3
26. Number of cholera cases reported by assistant sanitary inspectors	0
27. Number of cholera cases reported by Auxiliary Advisory Board	0
28. Number of cholera cases found "alive"	0
29. Number of cholera cases found "dead"	0
30. Number of orders issued during the month	45
31. Number of orders complied with during the month	36
32. Number of orders awaiting action	22
33. Number of orders pending in court	1
34. Number of food tiendas in districts	1,614
35. Number of persons convicted for violation of food-prohibition order	0
36. Average in visiting each street and barrio during month	4
37. Number of regular inspectors on duty	17
38. Number of emergency inspectors on duty	2
39. Number of leper cases sent to San Lazaro Hospital	3
40. Number of plague cases reported	1
41. Number of smallpox cases reported	2
42. Houses in which traps are set	14,510
43. Houses in which bane is placed	0
44. Traps set	52,942
45. Plates with ratsbane placed	0
46. Rats caught by rat catchers	7,831
47. Rats caught by traps	7,970
48. Rats caught by poison	0
49. Rats purchased	0
50. Rat catchers employed	69

Monthly report of disinfections.

Causes for disinfections.	Number of disinfections.	Number of contacts.
Plague	2	8
Smallpox	5	7
Typhoid fever	5	2
Erysipelas	1	
Surra	2	
Rinderpest	1	
Lymphangitis	4	
Glanders	10	
Insanitary condition	91	
Total	121	17

Report of crematories.

Disposition.	Crematories.			Total.
	Palomar.	Santa Cruz.	Paco.	
Animals cremated:				
American horses	10		4	14
American mules	4			4
Chinese mules	3			3
Chinese horses	2			2
Australian horses	4			4
Filipino horses	70		16	86
Carabaos	8		3	11
Cows	31		6	37
Dogs	228		5	233
Goats	4			4
Calves	6			6
Rats	15,659			15,659
Monkeys	1		52	53
Fowls	388		3	391
Domestic birds	4			4
Pigs	22		1	23
Animals cremated—Continued.				
Cats	92		5	97
Lions	4			4
Deer			2	2
Total	16,540		97	16,637
Loads cremated:				
House garbage	2,825	98	1,099	4,022
Trade refuse	73	2	47	122
Market refuse	388	12	69	469
Waste	217	6	411	634
Organic matter	37	1		38
Rubbish	4			4
Condemned goods	80			80
Total	~~3,625~~ 3,624	119	1,626	5,369

Report of operations of the pail-conservancy system.

Where cleaned.	Pail collections.			Vaults cleaned.		
				Cleaned by odorless excavators.		
	Number of installations.	Pails in use.	Pails cleaned.	Vaults cleaned.	Loads removed.	Gallons removed.
Private houses	1,318	1,500	42,126	166	284	142,000
Public buildings	62	169	4,978	14	224	112,000
Midden sheds	38	1,224	22,701			
Military buildings	16	124	3,830	5	93	46,500
Total	1,434	3,017	73,635	185	601	300,500

Report of action taken on licenses.

Business for which license is desired.	License applications approved.	License applications disapproved.	Total applications acted upon.	Applications awaiting action.
Aërated waters	3		3	
Bakeries	8	1	9	
Billiard parlors		1	1	
Chocolate, make and sell	4		4	
Cleaning and dyeing	2		2	
Cooked food, native products	2	4	6	
Distilleries (perfumes)	1		1	
Distilleries (spirits)	2		2	
Drug stores, Chinese	2		2	
Drug stores	10		10	
Hotels	1		1	
Laundries	10		10	
Liquor, first-class bar	1		1	
Native products	5	12	17	
Restaurants	12	3	15	
Soap, make and sell	9		9	
Sweetmeats, make and sell	4	1	5	
Theaters	11		11	
Undertaking	1		1	
Vermicelli, make and sell	1		1	
Wine, native	3	9	12	
Brewers	1		1	
Lye water, make and sell	1		1	
Sausage, make and sell	1		1	
Refrigerated water, make and sell	1		1	
Wafers, make and sell	1		1	
Coffins, make and sell	1		1	
Total	98	31	129	

Reports received of lepers living in the various provinces of the Philippine Islands.

Province.	Race.	Number of males.	Number of females.	Children.		Single.		Married.		Widowers.	Widows.	Total.
				M.	F.	M.	F.	M.	F.			
Abra	Filipino	8	5	1		5	3	2	2			13
Albay	do	27	22	5	4	14	11	6	4	2	3	49
Ambos Camarines	do	71	22	6	1	36	10	23	9	6	2	93
Antique	do	60	48	13	14	20	15	21	15	6	4	108
Bataan	do	15	6	1	1	10	1	3	2	1	2	21
Batangas	do	18	11			14	4	3	3	1	4	29
Benguet[1]	do	32	11	1	1	1		21	10	9		43
Bohol	do	78	55	5	3	34	39	35	12	4	1	133
Bulacan	do	24	13	1		9	7	12	6	2		37
Cagayan	do	50	48			23	16	24	20	3	12	98
Capiz	do	37	14	1		18	10	16	4	2		51
Cavite	do	47	27		2	30	17	13	4	4	4	74
Cebu	do	484	253	74	41	255	161	139	43	16	8	737
Ilocos Norte	do	70	44	2	2	25	24	41	13	2	5	114
Ilocos Sur	do	140	78	13	2	65	44	46	18	16	14	218
Iloilo	do	98	32	9	1	56	17	25	5	8	9	130
Isabela	do	11	6			3		7	3	1	3	17
La Laguna	do	24	13	1	2	9	5	12	4	2	2	37
Lepanto-Bontoc[1]	do	15	4	1		5	1	8		1	3	19
Leyte[1]	do	50	41	1	3	26	27	20	7	3	4	91
Masbate	do	15	11	1		8	4	3	4	3	3	26
Mindanao[1]	Moro	143	77	3	3	86	44	45	18	9	12	220
Misamis	Filipino	39	11	3		17	5	15	2	4	4	50
Negros Occidental	do	22	8	2	2	8	6	11		1		30
Negros Oriental	do	67	53	4		27	23	35	21	1	9	120
Nueva Ecija	do	37	15	1		17	5	14	6	5	4	52
Nueva Vizcaya	do	2	4			1		1	2		2	6
Pampanga	do	7	7			3	5	3	2	1		14
Pangasinan	do	31	25		1	10	4	17	14	4	6	56
Rizal	do	47	19	1	2	26	9	20	6		2	66
Romblon	do	4	10			1	3	3	6		1	14
Samar	do	143	115		1	43	50	74	43	26	21	258
San Lazaro[2]	do	145	97	23	12	83	49	28	20	11	16	242
Sorsogon	do	83	34		1	41	18	38	6	4	9	117
Surigao[1]	do	2	1							2	1	3
Tarlac	do	14	8	1	1	1	5	11	2	1		22
Tayabas	do	20	7	1		5	4	12	1	2	2	27
Union	do	30	12			10	10	18	2	2		42
Zambales[1]	do	60	35	2		30	15	24	15	4	5	95
Total		2,270	1,302	177	100	1,075	671	849	354	169	177	3,572

[1] Revised reports not received. [2] 1 European.

Reports received of insane persons living in the various provinces of the Philippine Islands.

Province.	Race.	Number of men.	Number of women.	Children.		Single.		Married.		Widowers.	Widows.	Total.
				M.	F.	M.	F.	M.	F.			
Abra	Filipino	27	11			19	5	6	2	2	4	38
Albay	do	18	19	2		8	12	5	3	3	4	37
Ambos Camarines	do	66	56	1	4	46	36	15	10	4	6	122
Antique	do	32	35		1	22	17	9	14	1	3	67
Bataan	do	9	7			3		5	4	1	3	16
Batangas	do	66	56			53	38	9	8	4	10	122
Bohol	do	279	280	11	7	209	212	50	45	9	16	559
Bulacan	do	24	20			15	8	7	10	2	2	44
Cagayan	do	16	13			8	5	6	6	2	2	29
Capiz	do	46	41		1	24	21	17	10	5	9	87
Cavite	do	31	23			22	8	7	10	2	5	54
Cebu	do	447	333	11	3	324	250	95	65	17	15	780
Ilocos Norte	do	51	36	2	1	39	26	8	5	2	4	87
Ilocos Sur	do	92	57	1	1	62	39	24	10	5	7	149
Iloilo	do	101	110	1		73	58	17	28	10	24	211
Isabela	do	9	7			4	3	5	3		1	16
La Laguna	do	71	72	3	5	45	40	18	18	5	9	143
Lepanto-Bontoc	do	10	7			6	5	3		1	2	17
Masbate	do	18	20	1	1	12	12	4	4	1	3	38
Mindoro	do	9	7			8	4	1	2		1	16
Misamis	do	64	52	2	1	40	29	16	10	6	12	116
Negros Occidental	do	55	39	1		39	21	10	10	5	8	94
Negros Oriental	do	116	116	3	1	94	85	15	18	4	12	232
Nueva Ecija	do	30	18	1		25	11	2	4	2	3	48
Nueva Vizcaya	do	4	5			4	1		3		1	9
Pampanga	do	32	35			25	19	7	12		4	67
Pangasinan	do	93	86	6	5	45	44	26	22	16	15	179
Rizal	do	34	30			23	16	9	7	2	7	64
Romblon	do	22	5			5	2	11	3	6		27
Samar	do	32	28			24	19	4	4	4	5	60
Sorsogon	do	86	65			66	40	16	19	4	6	151
Surigao	do	9	10			5	6	2	2	2	2	19
Tarlac	do	9	7			6	5	3			2	16
Tayabas	do	130	106	8	1	102	82	15	13	5	10	236
Union	do	31	14	1		18	8	11	4	1	2	45
Zambales	do	9	17			7	7	2	1		9	26
Total		2,178	1,843	55	32	1,530	1,194	460	389	133	228	4,021

Report of the Veterinary Division of the Board of Health for the Philippine Islands.

[JOHN G. SLEE, *Chief Veterinarian.*]

Disposition.	Number.	Disposition.	Number.
On arrival in city:		In Government abattoir:	
Number of cattle inspected	3,089	Number of cattle slaughtered	1,662
Number of carabaos inspected	34	Number of hogs slaughtered	4,761
Number of horses inspected	193	Number of sheep slaughtered	3
Number of hogs inspected	4,244		
Number of sheep inspected	16	Total	6,426
Number of goats inspected	50		
Number of other animals inspected	38	Miscellaneous:	
		Number of cattle condemned in matadero	1
Total	7,664	Number of hogs condemned in matadero	8
		Number of horses condemned for glanders	9
For shipment to provinces:		Number of horses condemned for surra	54
Number of cattle inspected	40	Number of other animals condemned	8
Total	40	Total	80

Report of Sanitary Engineer's Division.

Nature of work.	Health districts.							Total.
	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	No. 7.	
Number of buildings completed in accordance with conditions imposed by the Board of Health	15	7	12	9	2	1	17	63
Number of old buildings in which repairs were ordered and of proposed buildings, plans for which were approved	26	9	18	22	17	2	25	119
Number of buildings, orders for which were cancelled, and of proposed buildings approved, for which plans were withdrawn				4	1			5
Legal prosecutions				3				3
Number of houses recommended condemned and destroyed		172	25					197
Number of uncompleted orders on December 31, 1904	38	15	27	42	37	7	36	202

Amount of vaccine virus distributed by the Board of Health.

	Units.
Number on hand November 30, 1904	7,300
Received from Laboratory	242,150
Total to be accounted for	249,450
Distributed as per itemized statement	213,700
Remaining on hand December 31, 1904	35,750

The vaccine virus was distributed as follows:

Provinces:	Units.	Provinces—Continued.	Units.	Manila:	Units.
Albay	10,000	Moro	1,000	Vaccine division	40,000
Bataan	500	Negros Occidental	4,000	Public institutions	100
Batangas	4,000	Nueva Ecija	250		
Benguet	3,000	Pampanga	500	Total	40,100
Bulacan	50	Pangasinan	4,000		
Cagayan	60,000	Romblon	1,000	Grand total	213,700
Camarines	6,200	Samar	1,000		
Cavite	6,000	Sorsogon	2,000		
Cebu	60,000	Tayabas	5,000		
Ilocos Norte	500	Union	500		
Ilocos Sur	2,000	Zambales	500		
Iloilo	1,050				
La Laguna	50	Total	173,600		
Masbate	500				

Report of vaccinations, city of Manila.

Age and sex.	Vaccinations.			Inspections.						Grand total.
				Takes.			Nontakes.			
	Primary.	Secondary.	Total.	Primary.	Secondary.	Total.	Primary.	Secondary.	Total.	
Children under one year	395	21	416	113	15	128	158	29	182	310
Children between 1 and 2 years	671	107	778	171	39	210	249	88	337	547
Children between 2 and 5 years	1,070	374	1,444	195	82	277	452	185	637	914
Children between 5 and 12 years	3,073	1,286	4,359	374	249	623	938	408	1,346	1,969
Adult males	7,239	2,936	10,175	509	346	855	1,763	650	2,413	3,268
Adult females	5,051	2,195	7,246	510	298	808	1,702	614	2,316	3,124
Total	17,499	6,919	24,418	1,872	1,029	2,901	5,257	1,974	7,231	10,132

Smallpox and plague reports for Manila.

Nationality.	Smallpox.				Plague.			
	Cases.		Deaths.		Cases.		Deaths.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
Americans								
Filipinos	1	1						
Foreigners								
Chinese					1		1	
Total	1	1			1		1	

District and age.	Smallpox.		Plague.	
	Cases.	Deaths.	Cases.	Deaths.
Health districts:				
No. 1, San Nicolas				
No. 2, Tondo	2			
No. 3, Quiapo				
No. 4, Santa Cruz			1	1
No. 5, Sampaloc				
No. 6, Intramuros				
No. 7, Ermita				
Total	2		1	1
Ages:				
Under 1 year				
1 year to 10 years	1			
10 years to 20 years	1		1	1
20 years to 30 years				
30 years to 40 years				
40 years to 50 years				
50 years and over				
Total	2		1	1

Number of cases found alive: Smallpox, 2; plague, 1. Number of cases found dead: Smallpox, 0; plague, 0.

Epidemic of cholera in the city of Manila and provinces from March 20, 1902, to December 31, 1904.

Month.	Manila.		Provinces.	
	Cases.	Deaths.	Cases.	Deaths.
1902.				
March	108	90		
April	586	406	1,927	1,417
May	550	442	2,407	1,631
June	601	492	5,204	4,097
July	1,368	1,053	7,757	5,807
August	720	581	11,247	7,874
September	273	179	43,346	27,410
October	87	57	30,837	18,572
November	336	236	12,353	6,681
December	35	24	5,918	3,583
1903.				
January	7	4	4,921	2,757
February	2	1	2,997	2,009
March	6	6	1,903	1,124
April	33	27	1,772	1,147
May	230	212	1,402	885
June	39	38	3,554	2,945
July	42	38	4,167	2,806
August	89	72	10,212	7,406
September	290	263	4,613	3,672
1903—Continued.				
October	127	118	2,531	1,969
November	31	26	1,119	937
December	14	13	364	270
1904.				
January	4	5	35	24
February	3	3	61	42
March			23	10
April			1	
May				
June				
July				
August				
September				
October				
November				
December				
Total	5,581	4,386	160,671	105,075

METEOROLOGICAL DATA DEDUCED FROM HOURLY OBSERVATIONS.

Date.	Barometer.[1] Mean.		Temperature.[2] Mean.		Maximum.		Minimum.		Relative humidity mean.
	Inches.	*Mm.*	°*C.*	°*F.*	°*C.*	°*F.*	°*C.*	°*F.*	*Per ct.*
1	29.984	761.57	23.2	73.8	28.9	84.0	18.3	64.9	77.2
2	29.981	61.51	22.0	71.6	28.3	82.9	16.9	62.4	83.5
3	29.987	61.65	22.5	72.5	27.6	81.7	15.9	60.6	79.0
4	30.018	62.46	23.1	73.6	27.3	81.1	20.2	68.4	85.0
5	30.035	62.88	22.8	73.0	30.1	86.2	18.0	64.4	76.1
6	30.007	62.17	22.3	72.1	28.7	83.7	16.1	61.0	79.6
7	29.986	61.63	23.7	74.7	29.2	84.6	18.6	65.5	80.5
8	29.971	61.25	23.7	74.7	28.3	82.9	19.4	66.9	87.6
9	29.941	60.50	23.9	75.0	30.2	86.4	19.5	67.1	81.9
10	29.946	60.63	22.9	73.2	30.7	87.3	18.3	64.9	82.6
11	29.913	59.77	23.5	74.3	31.2	88.2	16.8	62.2	81.1
12	29.921	59.97	24.8	76.6	30.2	86.4	20.8	69.4	86.4
13	29.907	59.62	24.8	76.6	30.7	87.3	19.0	66.2	84.8
14	29.902	59.51	25.7	78.3	31.2	88.2	20.8	69.4	84.9
15	29.925	60.08	24.9	76.8	30.8	87.4	20.1	68.2	86.3
16	29.982	61.52	25.0	77.0	31.7	89.1	20.0	68.0	81.6
17	29.987	61.66	24.7	76.5	31.9	89.4	19.4	66.9	81.9
18	29.958	60.92	24.7	76.5	29.8	85.6	20.6	69.1	80.2
19	29.955	60.84	24.8	76.6	31.8	89.2	19.5	67.1	78.6
20	29.960	60.99	24.1	75.4	27.5	81.5	21.8	71.2	91.7
21	29.958	60.93	24.7	76.5	29.6	85.3	21.3	70.3	85.4
22	29.986	61.63	24.1	75.4	29.0	84.2	19.6	67.3	82.9
23	30.003	62.04	23.3	73.9	29.0	84.2	19.7	67.5	82.7
24	30.023	62.57	23.6	74.5	29.6	85.3	19.2	66.6	80.4
25	30.004	62.07	23.8	74.8	28.0	82.4	20.0	68.0	80.7
26	30.024	62.59	23.9	75.0	28.8	83.8	20.5	68.9	80.8
27	30.024	62.61	24.1	75.4	29.4	84.9	20.7	69.3	81.7
28	30.039	62.97	23.2	73.8	28.2	82.8	20.0	68.0	91.2
29	30.046	63.15	23.9	75.0	29.0	84.2	20.1	68.2	89.9
30	30.092	64.32	23.5	74.3	27.4	81.3	19.3	66.7	90.9
31	30.134	65.39	24.5	76.1	29.7	85.5	21.1	70.0	82.9
Mean	29.987	761.66	23.9	75.0	29.5	85.1	19.4	66.9	83.3
Total									

Date.	Wind. Prevailing direction.	Total daily motion.		Maximum. Force.		Direction.	Sunshine.	Rainfall.	
		Km.	*Miles.*	*Km.*	*Miles.*		*h. m.*	*Inch.*	*Mm.*
1	WSW.	160	99	16	10	WNW.	8 55		
2	W.	147	91	14	9	W.	8 00		
3	NE.	115	71	12	7	WNW.	5 00		
4	N.	127	79	15	9	E.	2 50	.075	1.9
5	E.-SE.	152	94	24	15	E.	9 10		
6	Variable.	106	66	14	9	W. by N.	8 00		
7	Variable.	104	65	15	9	W.	5 45		
8	Variable.	57	35	10	6	NW.	2 40	.016	.4
9	WNW.	80	50	14	9	NNE.	5 10		
10	NNE.	106	66	16	10	E. by N.	5 55		
11	NNE.	118	73	14	9	N.	7 00		
12	W.	76	47	10	6	W.	6 35		
13	SW.-WNW.	86	53	12	7	WNW.	8 15	.004	.1
14	SE.	82	51	10	6	WSW.	8 40		
15	W.	90	56	14	9	SE.	5 50		
16	ESE.	122	76	20	12	ESE.	6 35		
17	E.-NNE.	166	103	21	13	N.	6 50		
18	N.-E.	86	53	11	7	NE.	2 50	.004	.1
19	E.-NE.	154	96	19	12	ENE.	8 40		
20	WSW., NE. by E.	78	48	10	6	NNW.	1 15	.220	5.6
21	SE.	139	86	15	9	WNW.	5 25		
22	SE.	162	101	16	10	SE.	6 30	.071	1.8
23	E.-NNE.	142	88	17	11	ENE.	5 20	.055	1.4
24	NNE.	129	80	14	9	NE. by N.	3 05		
25	W., ENE.	109	68	12	7	W.	2 30		
26	WSW., WNW.	114	71	16	10	WNW.	0 30		
27	N., NNE.	140	87	12	7	N.	3 45		
28	NNE.	130	81	10	6	NE.	2 50	.260	6.6
29	N., NNW.	116	72	16	10	WNW.	4 05	.035	.9
30	N.	130	81	18	11	N.	0 05	.055	1.4
31	N.	192	119	16	10	N.	4 10		
Mean		119.8	74.4	14.6	9.0		5 14		
Total		3,715	2,306				162 10	.795	20.2

[1] Corrected for instrumental error and for temperature and reduced to sea level. Correction to standard gravity, —1.72 mm. (—0.068 inch).
[2] These values are taken from instruments mounted in the Observatory park, 1.5 meters above ground.

UNIVERSITY OF MICHIGAN
3 9015 06448 0665